

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041234.D
 Acq On : 8 May 2024 8:34
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

Quant Time: May 09 02:43:18 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu May 09 02:43:03 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.211	49	892128	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2331059	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2271289m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.796 95 1711049 9.979 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.745	85	1284232	10.642	ppbv	100
3) Chlorodifluoromethane	2.690	51	1388690	10.249	ppbv	99
4) Chloromethane	2.832	50	525453	9.883	ppbv	98
5) Vinyl Chloride	2.938	62	547727	10.255	ppbv	96
6) Bromomethane	3.137	94	200809	10.305	ppbv	92
7) Chloroethane	3.214	64	187651	9.951	ppbv	100
8) Dichlorotetrafluoroethane	2.874	85	1287839	10.311	ppbv	98
9) Propene	2.710	41	487253	9.189	ppbv	97
10) Heptane	7.600	43	1239500	9.648	ppbv	99
11) Trichlorofluoromethane	3.581	101	1322389	10.782	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.083	101	941162	10.377	ppbv	99
13) Ethanol	3.256	45	129704	10.912	ppbv	100
14) Bromoethene	3.385	108	383871	10.256	ppbv	99
15) Acetone	3.485	43	988325	9.387	ppbv	99
16) 1,3-Butadiene	3.002	39	547945	10.310	ppbv	97
17) tert-Butyl alcohol	3.896	59	1016151	8.947	ppbv	99
18) 1,1-Dichloroethene	3.896	96	420983	10.411	ppbv	96
19) Isopropyl Alcohol	3.591	45	706553	10.227	ppbv #	44
20) Methylene Chloride	3.951	84	345201	9.428	ppbv	93
21) Allyl Chloride	4.015	41	674160	9.820	ppbv	96
22) trans-1,2-Dichloroethene	4.462	96	442366	10.519	ppbv	99
23) Vinyl Acetate	4.645	43	1166827	10.064	ppbv #	98
24) 1,1-Dichloroethane	4.584	63	925235	10.263	ppbv	99
25) Ethyl Acetate	5.221	43	2028041	9.650	ppbv	100
26) Hexane	5.230	57	897445	9.569	ppbv	98
27) Carbon Disulfide	4.140	76	1120702	10.095	ppbv	95
28) Methyl tert-Butyl Ether	4.603	73	695778	9.318	ppbv	99
29) Chloroform	5.295	83	1380070	10.667	ppbv	100
30) Cyclohexane	6.623	84	753642	10.152	ppbv	98
31) cis-1,2-Dichloroethene	5.095	61	908050	10.343	ppbv	96
32) 1,1,1-Trichloroethane	6.021	97	1379921	10.690	ppbv	99
34) 2-Butanone	4.803	43	1063032	8.960	ppbv	99
35) Carbon Tetrachloride	6.513	117	1390170	10.626	ppbv	98
36) Benzene	6.391	78	1909548	9.762	ppbv	99
37) 1,2-Dichloroethane	5.828	62	1087496	10.655	ppbv	99
38) Trichloroethene	7.311	130	713505	9.788	ppbv	96
39) 1,2-Dichloropropane	7.092	63	727162	9.645	ppbv	96
40) 1,4-Dioxane	7.301	88	317740	11.797	ppbv	73
41) Tetrahydrofuran	5.578	42	795784	9.265	ppbv	99
42) Bromodichloromethane	7.269	83	1551743	10.601	ppbv	99
43) Methyl Methacrylate	7.494	69	779509	9.852	ppbv	100
44) 2,2,4-Trimethylpentane	7.346	57	3226019	9.565	ppbv	99
45) t-1,3-Dichloropropene	8.732	75	591010	10.308	ppbv	98

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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

Quant Time: May 09 02:43:18 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu May 09 02:43:03 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.163	75	700672	9.982	ppbv	99
47) 1,1,2-Trichloroethane	8.922	97	778990	10.324	ppbv	99
48) Dibromochloromethane	9.732	129	1310654	10.901	ppbv	100
49) Bromoform	12.429	173	1089577	10.653	ppbv	99
50) 4-Methyl-2-Pentanone	8.201	43	2019837	9.486	ppbv	100
51) 2-Hexanone	9.568	43	1460515	9.247	ppbv #	100
52) Tetrachloroethene	10.635	164	675089	9.819	ppbv	95
53) Toluene	9.240	91	2235134	9.854	ppbv	100
54) 1,2-Dibromoethane	10.031	107	1079142	10.559	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.529	131	947924	10.293	ppbv	99
57) Chlorobenzene	11.548	112	1662775	9.996	ppbv	99
58) Ethyl Benzene	12.111	91	2996714	9.622	ppbv	98
59) m/p-Xylene	12.391	91	5041799m	19.262	ppbv	
60) o-Xylene	13.079	91	2383720	9.715	ppbv	100
61) Styrene	12.918	104	1285848	9.921	ppbv	99
62) Isopropylbenzene	14.050	105	3551524	9.677	ppbv	99
63) 1,1,1,2-Tetrachloroethane	13.066	83	1667294	9.969	ppbv	100
64) n-propylbenzene	14.934	120	936020	10.223	ppbv	96
65) tert-Butylbenzene	16.108	119	3109712	9.460	ppbv	100
66) Benzyl Chloride	16.349	91	275455m	7.403	ppbv	
67) sec-Butylbenzene	16.651	105	4432478	9.579	ppbv	98
69) p-Isopropyltoluene	17.015	119	3685030	9.664	ppbv	99
70) n-Butylbenzene	17.905	91	3858231	9.688	ppbv	99
71) 2-Chlorotoluene	14.822	91	2731115	9.774	ppbv	98
72) 4-Ethyltoluene	15.211	105	2852375	10.263	ppbv	99
73) 1,3,5-Trimethylbenzene	15.371	105	2478321	9.856	ppbv	99
74) 1,2,4-Trimethylbenzene	16.127	105	2701566	9.837	ppbv	97
75) 1,3-Dichlorobenzene	16.349	146	1588354	10.086	ppbv	99
76) 1,4-Dichlorobenzene	16.494	146	1578449	10.423	ppbv	100
77) 1,2-Dichlorobenzene	17.162	146	1573959	9.999	ppbv	98
78) Hexachloro-1,3-Butadiene	22.657	225	1118686	7.996	ppbv	99
79) Naphthalene	21.403	128	2731332	10.444	ppbv	97
80) Naphthalene,2-methyl-	24.390	142	749435m	7.124	ppbv	
81) 1,2,4-Trichlorobenzene	21.165	180	1322440	9.577	ppbv	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

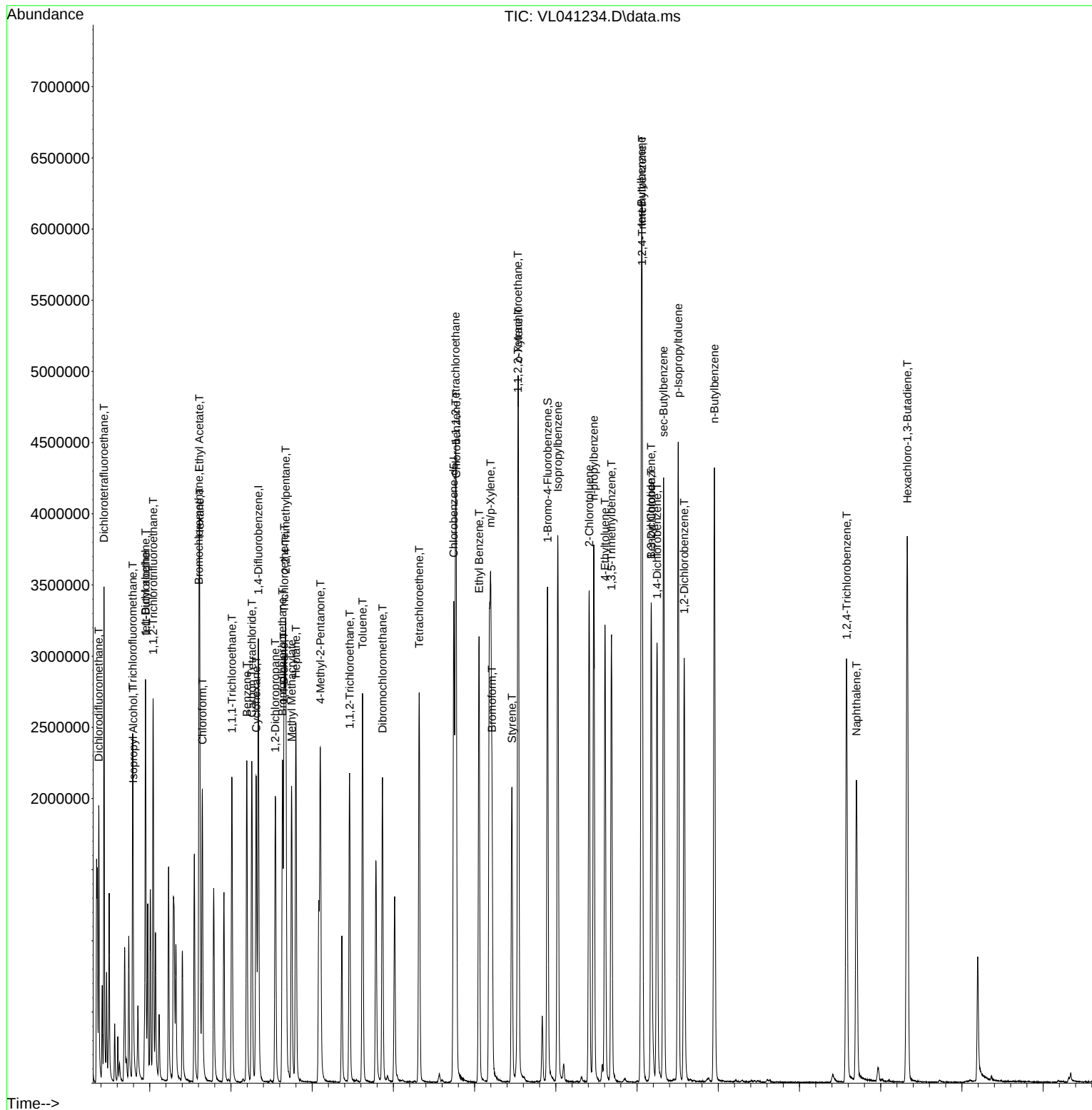
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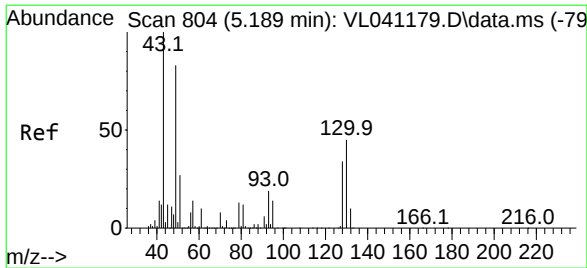
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

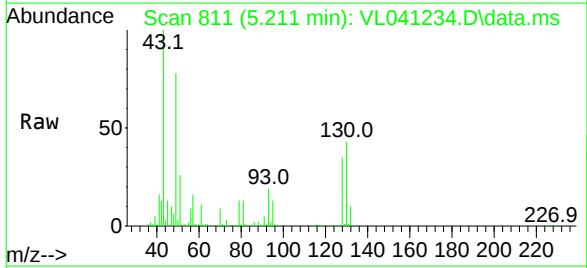
Quant Time: May 09 02:43:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu May 09 02:43:03 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

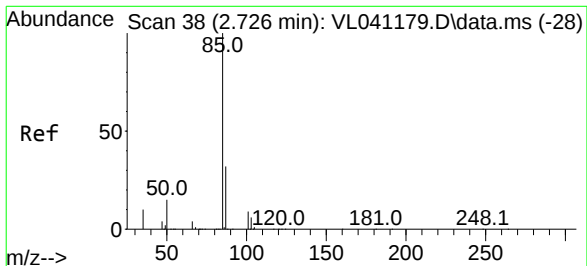
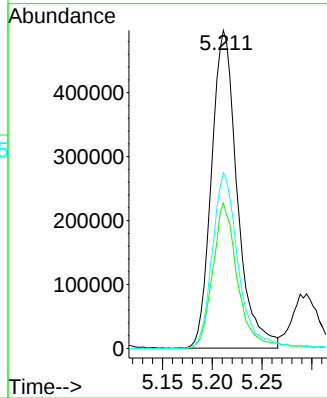
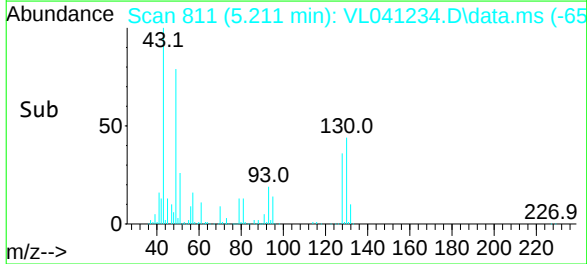
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 892128
Ion Ratio Lower Upper
49 100
128 45.2 21.5 64.5
130 57.2 27.2 81.6

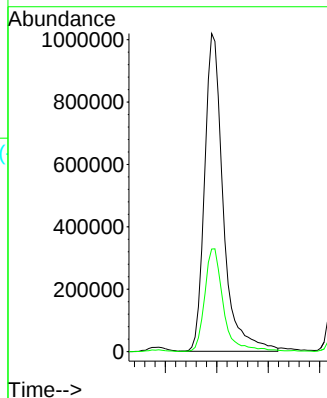
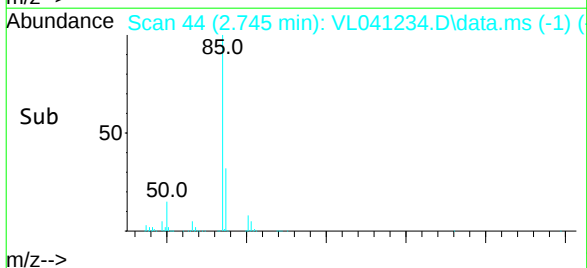
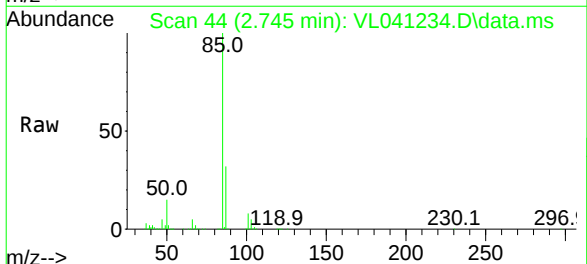
Manual Integrations
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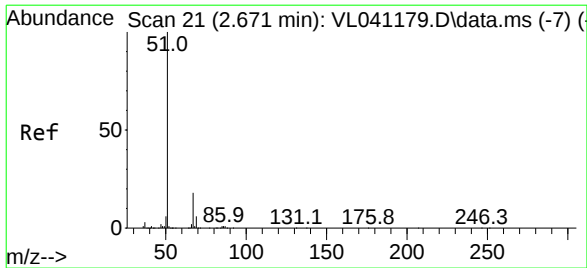
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#2
Dichlorodifluoromethane
Concen: 10.642 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Tgt Ion: 85 Resp: 1284232
Ion Ratio Lower Upper
85 100
87 32.2 25.7 38.5





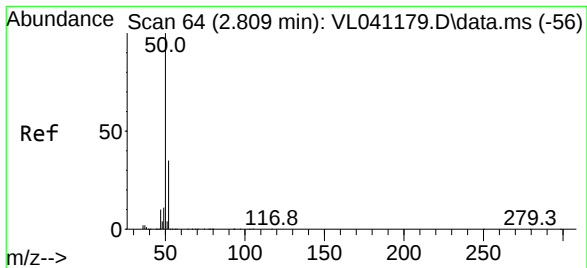
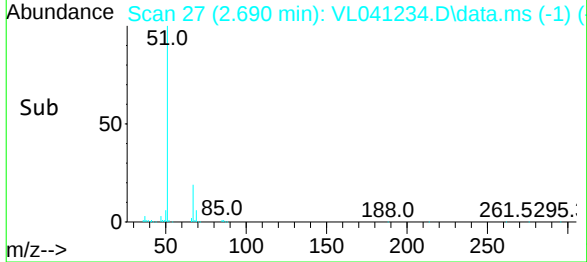
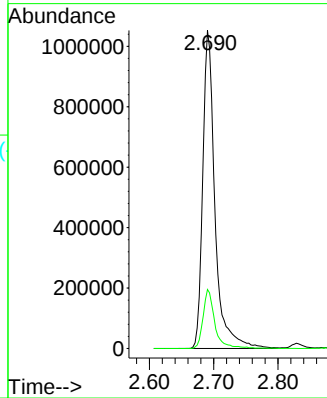
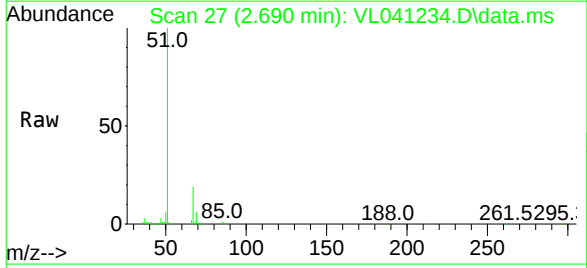
#3
Chlorodifluoromethane
Concen: 10.249 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1388690
Ion Ratio Lower Upper
51 100
67 18.1 14.0 21.0

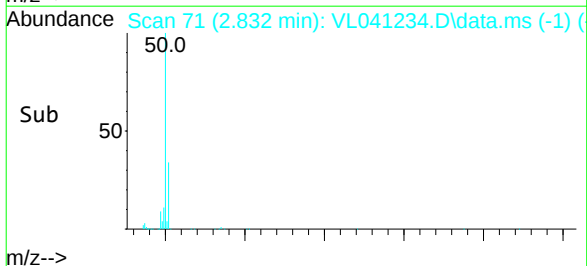
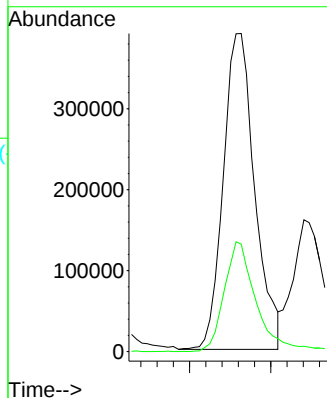
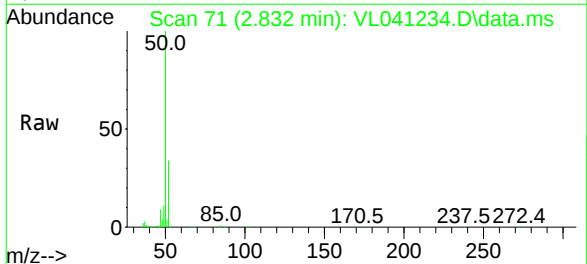
Manual Integrations
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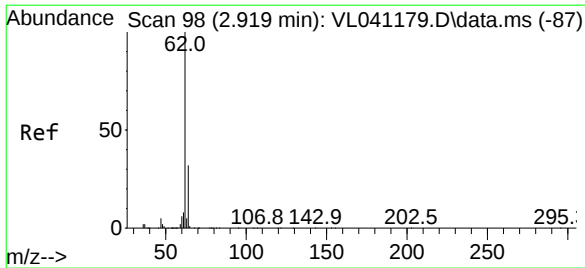
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#4
Chloromethane
Concen: 9.883 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Tgt Ion: 50 Resp: 525453
Ion Ratio Lower Upper
50 100
52 34.0 28.3 42.5





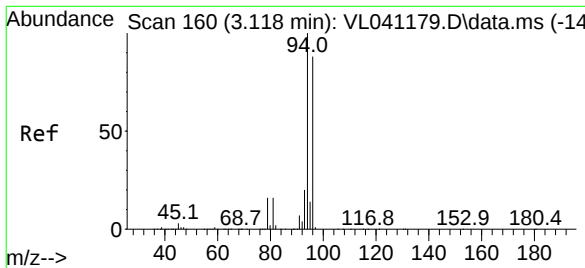
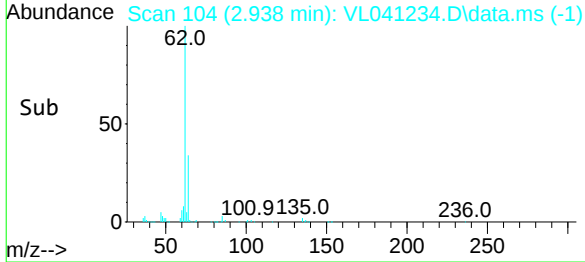
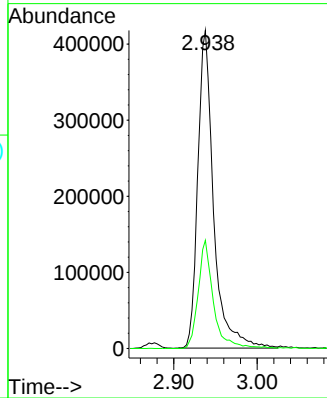
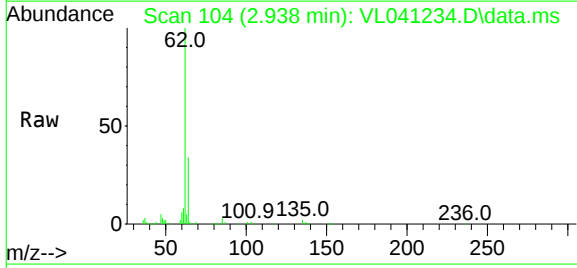
#5
 Vinyl Chloride
 Concen: 10.255 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL041234.D
 Acq: 8 May 2024 8:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 547727
 Ion Ratio Lower Upper
 62 100
 64 34.1 25.7 38.5

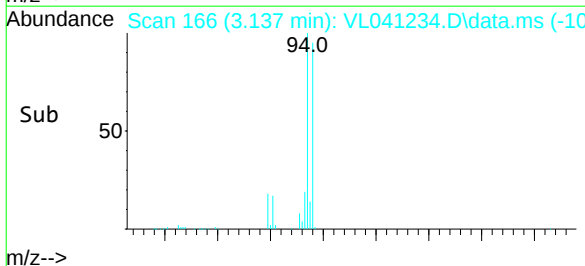
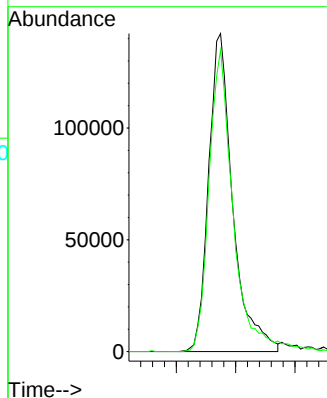
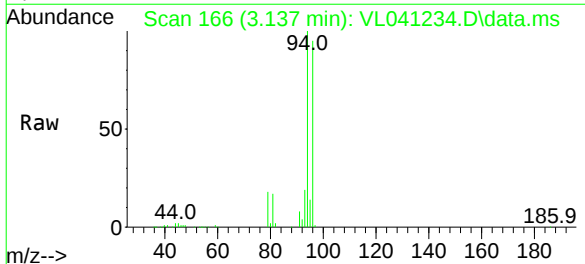
Manual Integrations
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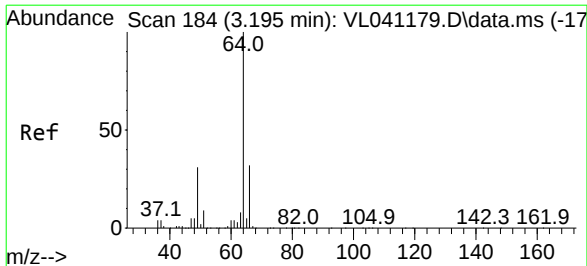
Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024



#6
 Bromomethane
 Concen: 10.305 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. 0.000 min
 Lab File: VL041234.D
 Acq: 8 May 2024 8:34

Tgt Ion: 94 Resp: 200809
 Ion Ratio Lower Upper
 94 100
 96 94.8 70.1 105.1





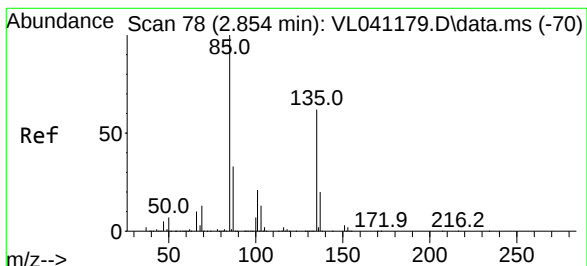
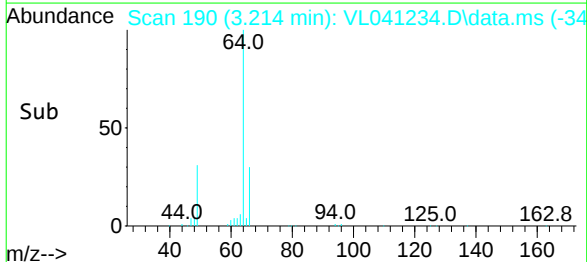
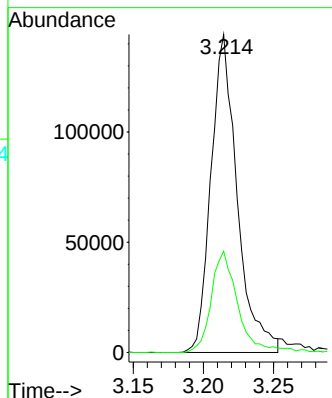
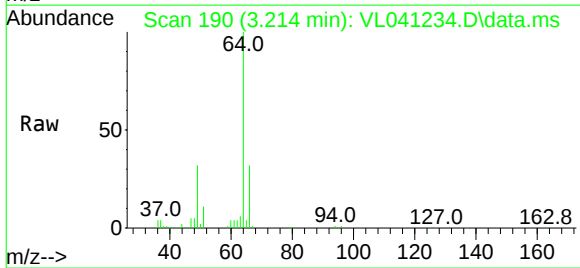
#7
Chloroethane
Concen: 9.951 ppbv
RT: 3.214 min Scan# 19
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 187651
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2

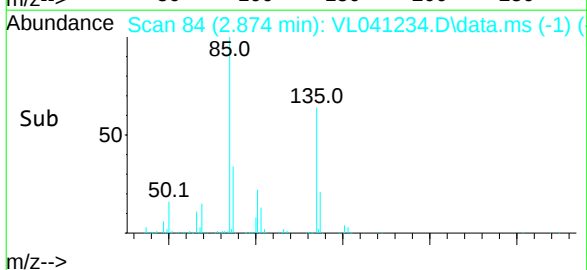
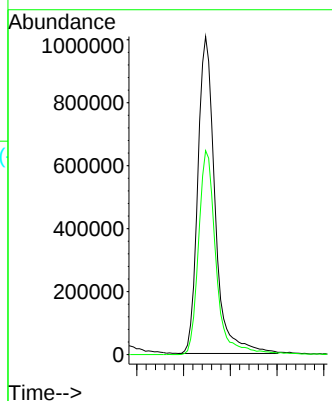
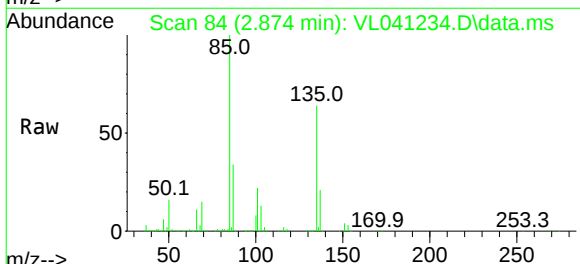
Manual Integrations
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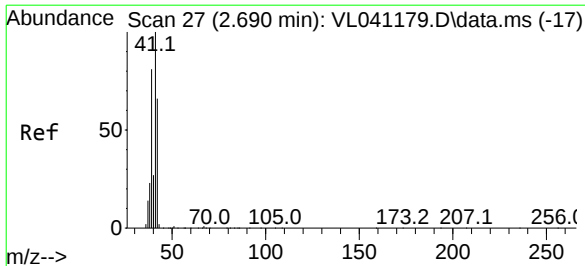
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#8
Dichlorotetrafluoroethane
Concen: 10.311 ppbv
RT: 2.874 min Scan# 84
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Tgt Ion: 85 Resp: 1287839
Ion Ratio Lower Upper
85 100
135 65.8 51.5 77.3





#9

Propene

Concen: 9.189 ppbv

RT: 2.710 min Scan# 33

Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 487253

Ion Ratio Lower Upper

41 100

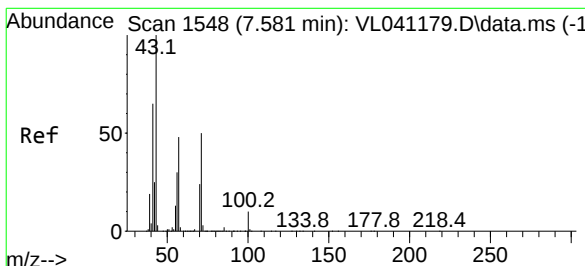
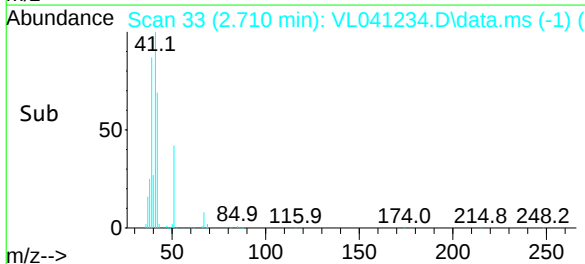
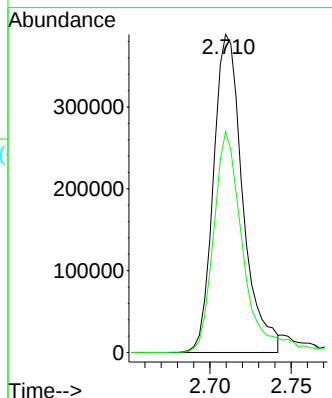
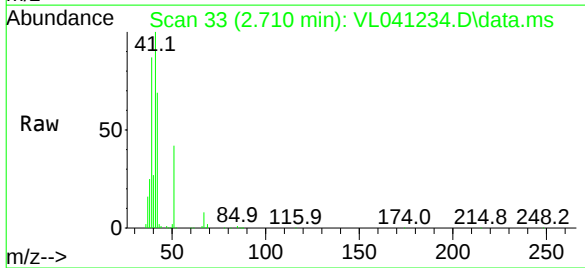
42 71.4 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#10

Heptane

Concen: 9.648 ppbv

RT: 7.600 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VL041234.D

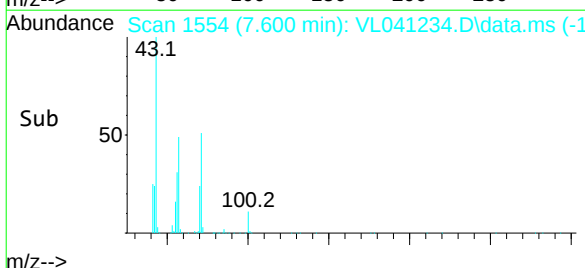
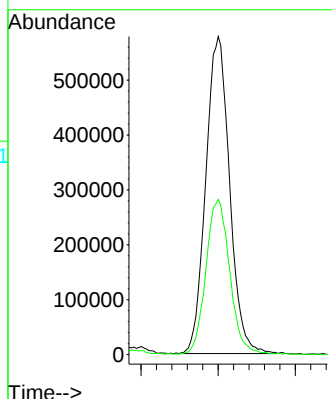
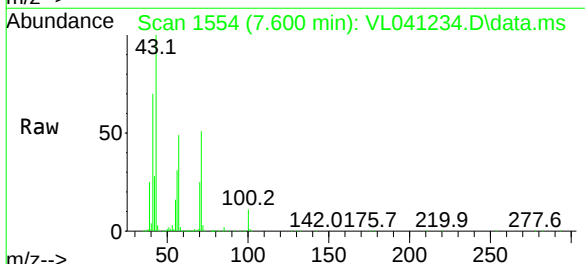
Acq: 8 May 2024 8:34

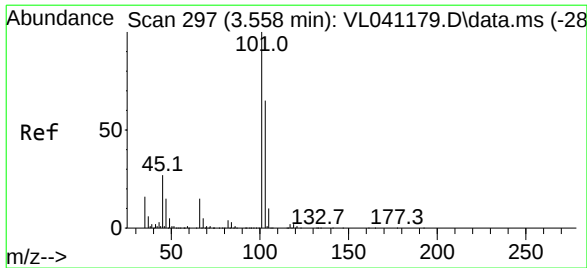
Tgt Ion: 43 Resp: 1239500

Ion Ratio Lower Upper

43 100

57 49.3 38.7 58.1





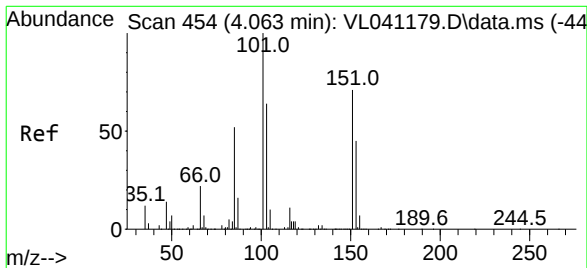
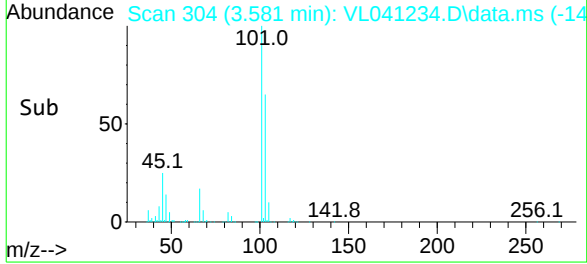
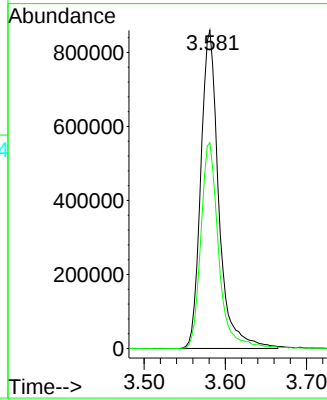
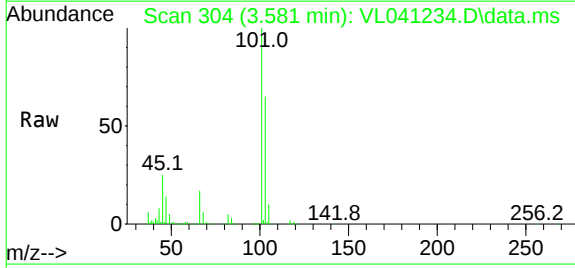
#11
Trichlorofluoromethane
Concen: 10.782 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1322389
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

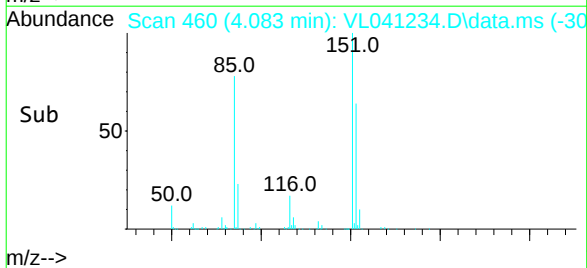
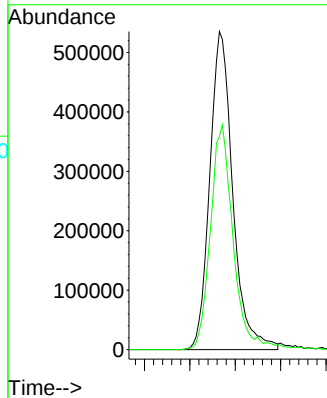
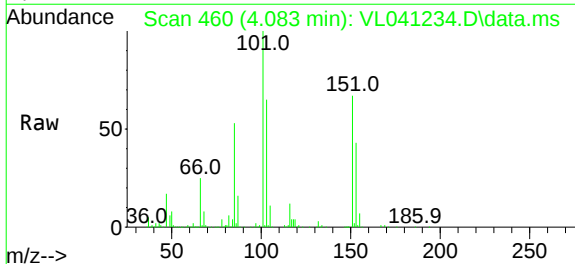
Manual Integrations
APPROVED

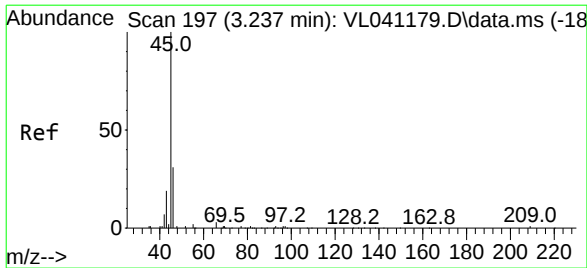
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.377 ppbv
RT: 4.083 min Scan# 460
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

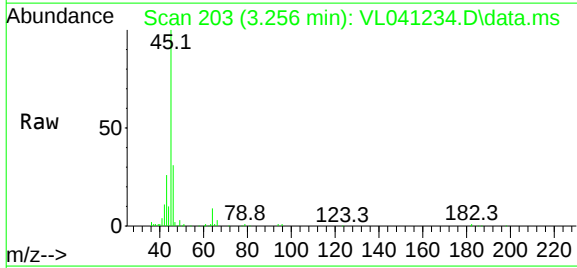
Tgt Ion:101 Resp: 941162
Ion Ratio Lower Upper
101 100
151 70.4 56.8 85.2





#13
Ethanol
Concen: 10.912 ppbv
RT: 3.256 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

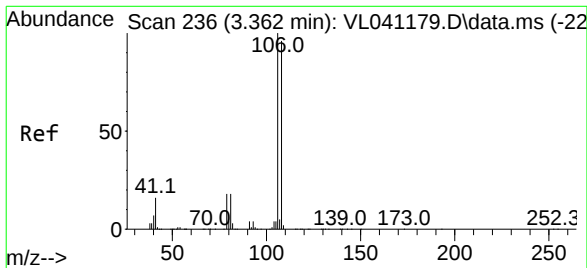
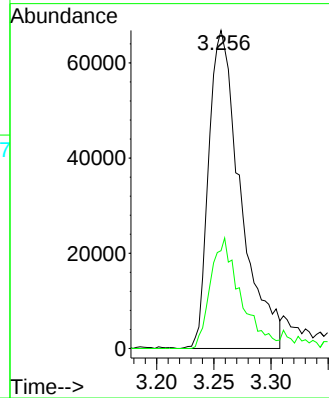
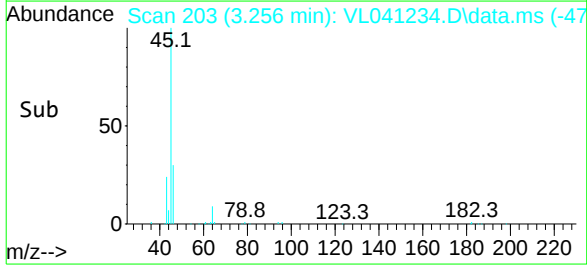
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



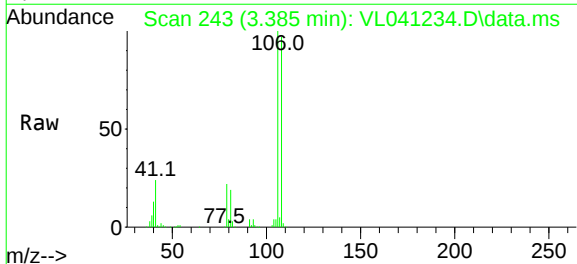
Tgt Ion: 45 Resp: 129704
Ion Ratio Lower Upper
45 100
46 36.9 14.8 59.0

Manual Integrations
APPROVED

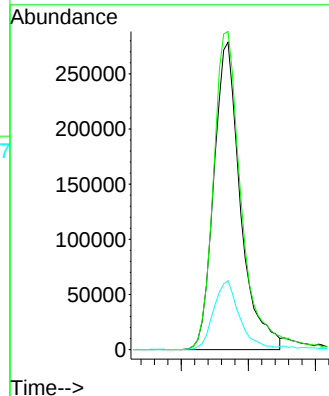
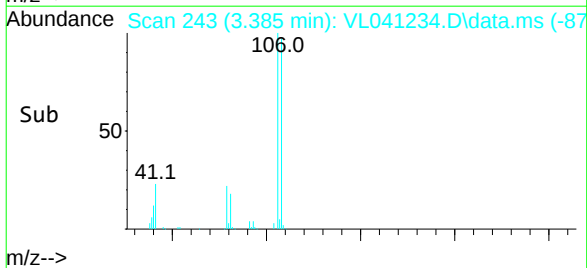
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

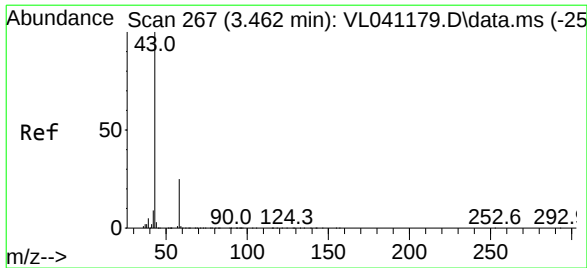


#14
Bromoethene
Concen: 10.256 ppbv
RT: 3.385 min Scan# 243
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34



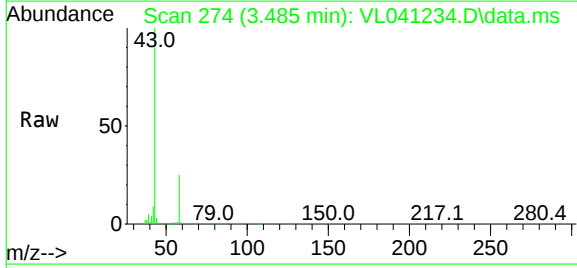
Tgt Ion:108 Resp: 383871
Ion Ratio Lower Upper
108 100
106 110.8 88.2 132.4
79 23.6 17.4 26.0





#15
Acetone
Concen: 9.387 ppbv
RT: 3.485 min Scan# 27
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

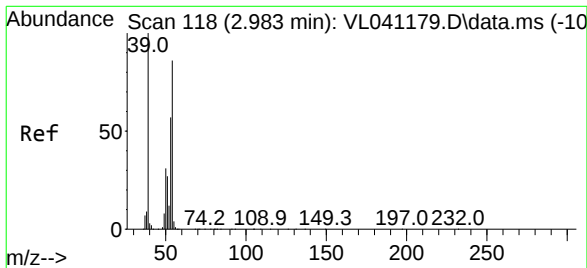
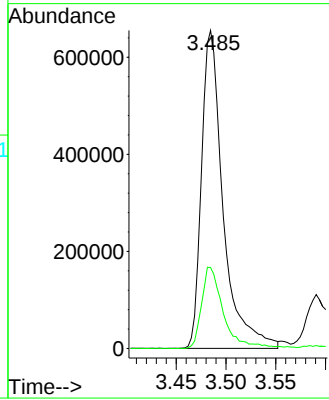
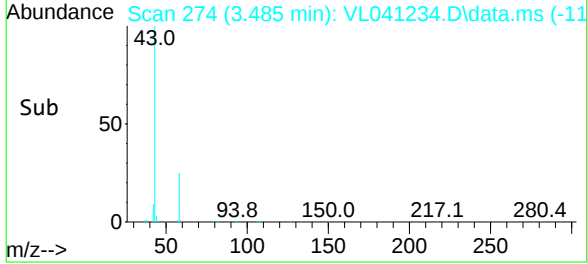
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



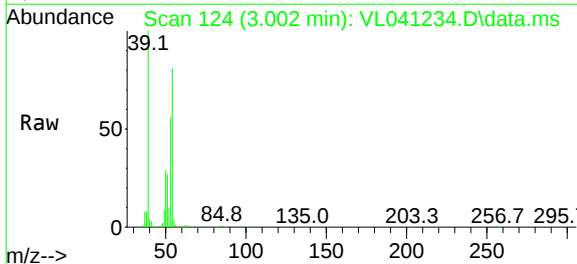
Tgt Ion: 43 Resp: 988325
Ion Ratio Lower Upper
43 100
58 26.0 21.4 32.0

Manual Integrations
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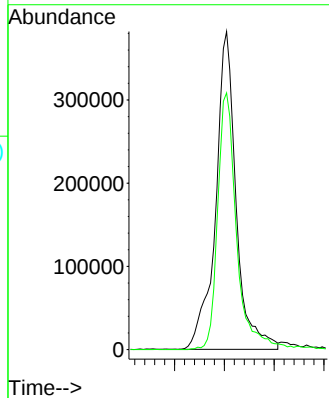
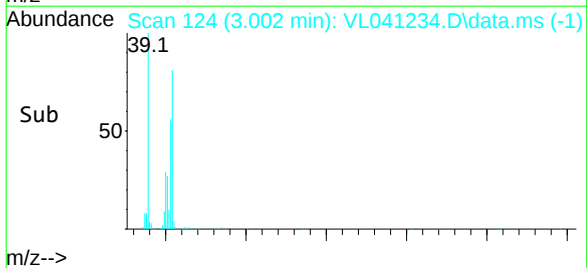
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

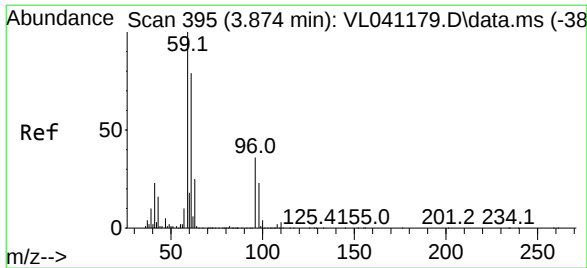


#16
1,3-Butadiene
Concen: 10.310 ppbv
RT: 3.002 min Scan# 124
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34



Tgt Ion: 39 Resp: 547945
Ion Ratio Lower Upper
39 100
54 75.6 62.2 93.4





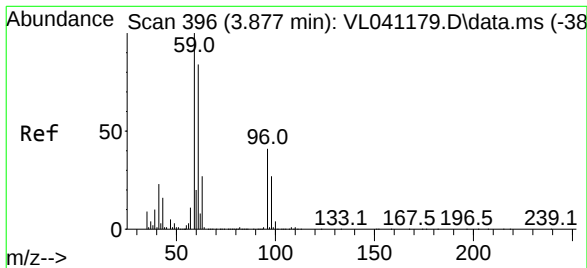
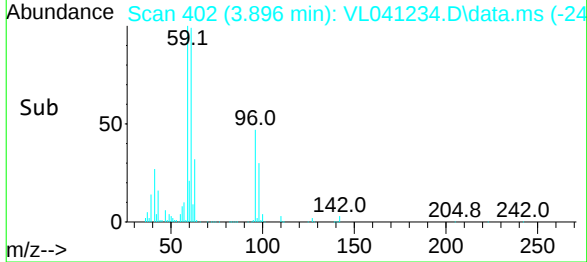
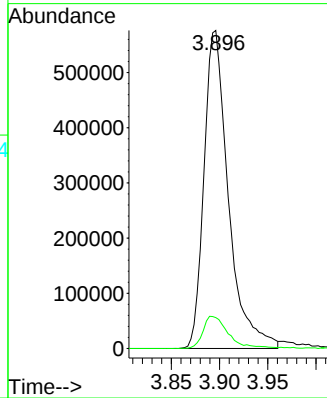
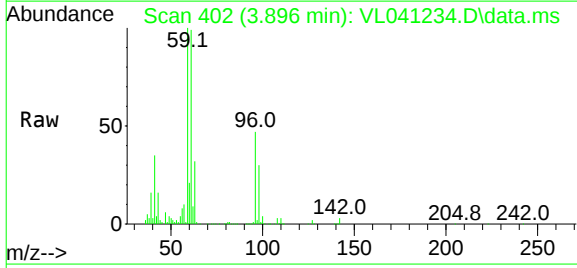
#17
tert-Butyl alcohol
Concen: 8.947 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1016151
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6

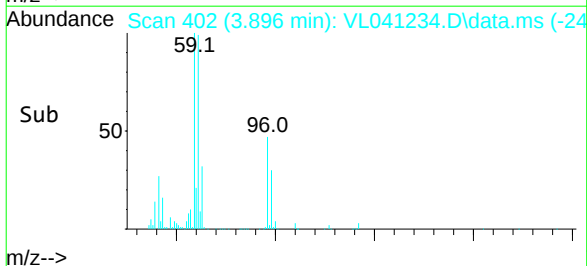
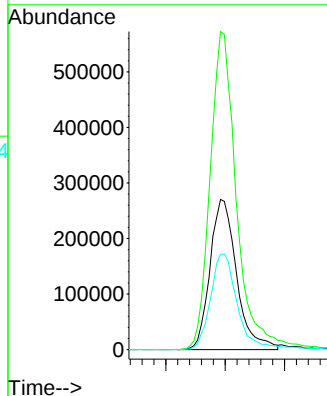
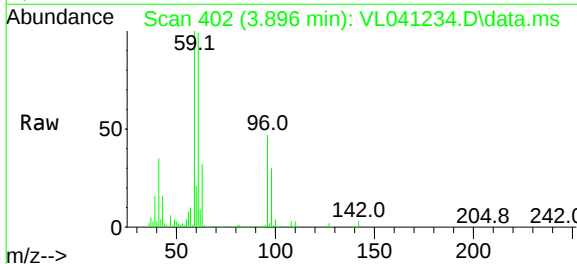
Manual Integrations
APPROVED

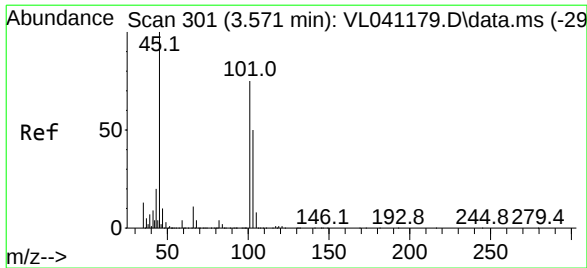
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#18
1,1-Dichloroethene
Concen: 10.411 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

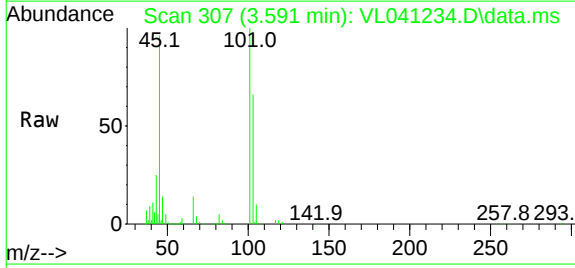
Tgt Ion: 96 Resp: 420983
Ion Ratio Lower Upper
96 100
61 211.8 164.4 246.6
98 63.5 51.8 77.8





#19
Isopropyl Alcohol
Concen: 10.227 ppbv
RT: 3.591 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

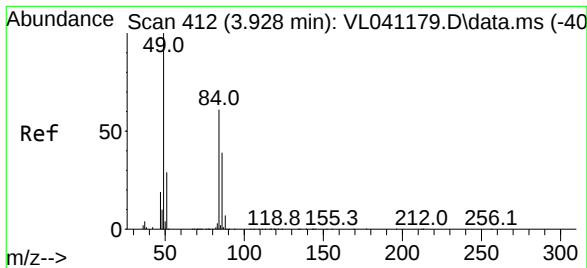
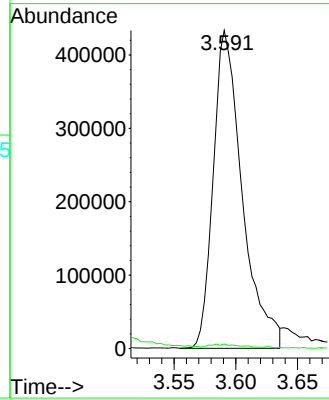
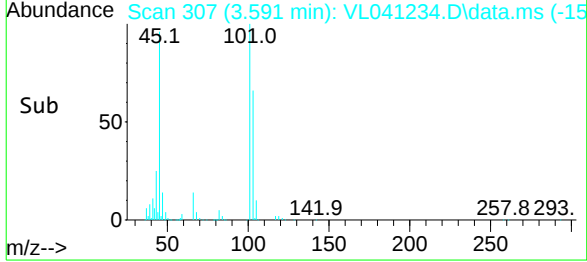
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



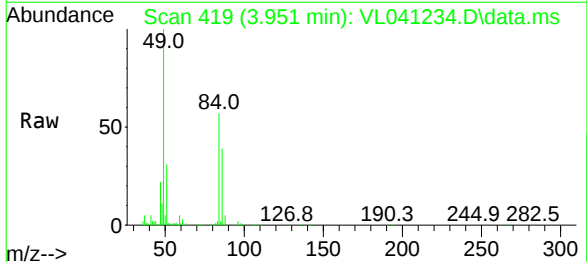
Tgt Ion: 45 Resp: 706553
Ion Ratio Lower Upper
45 100
58 1.8 26.8 40.2

Manual Integrations
APPROVED

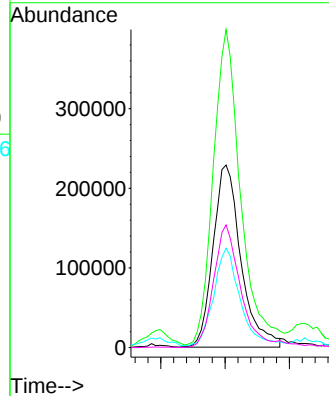
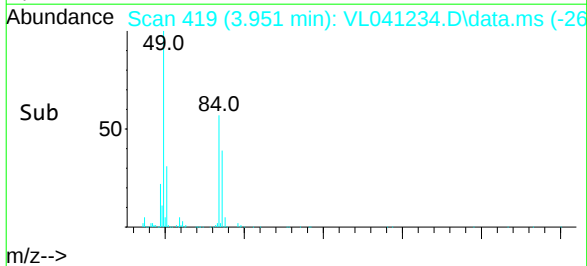
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

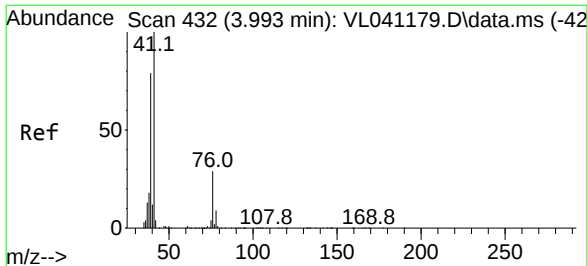


#20
Methylene Chloride
Concen: 9.428 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34



Tgt Ion: 84 Resp: 345201
Ion Ratio Lower Upper
84 100
49 172.3 130.4 195.6
51 53.5 38.0 57.0
86 67.4 50.3 75.5





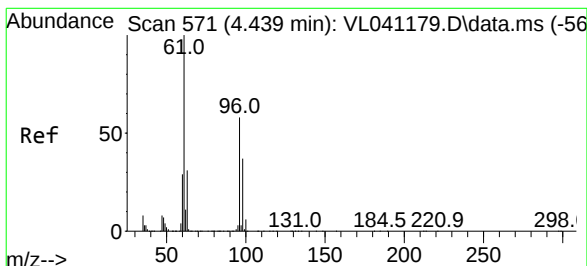
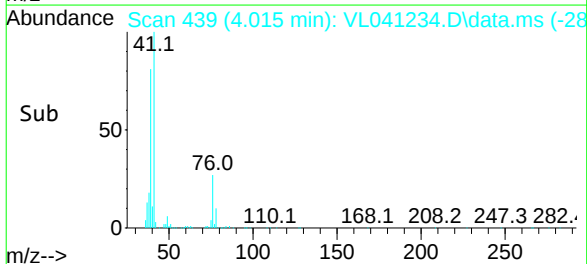
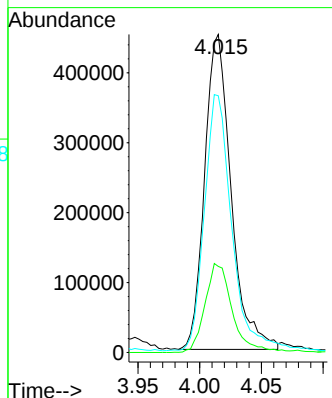
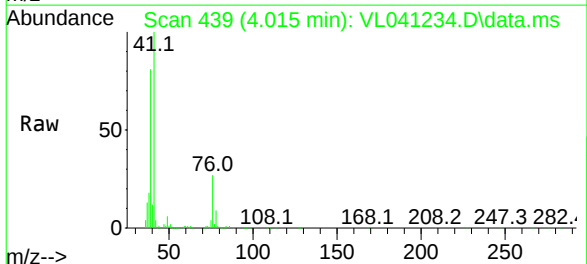
#21
 Allyl Chloride
 Concen: 9.820 ppbv
 RT: 4.015 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: VL041234.D
 Acq: 8 May 2024 8:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 674166
 Ion Ratio Lower Upper
 41 100
 76 29.3 23.7 35.5
 39 85.1 64.7 97.1

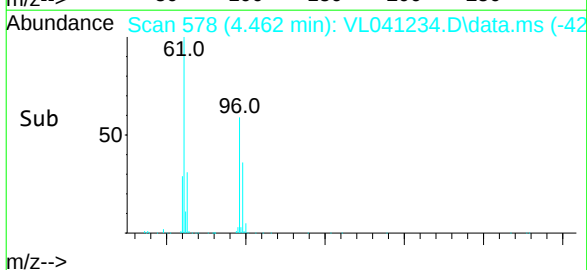
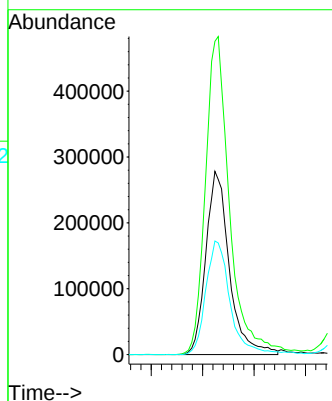
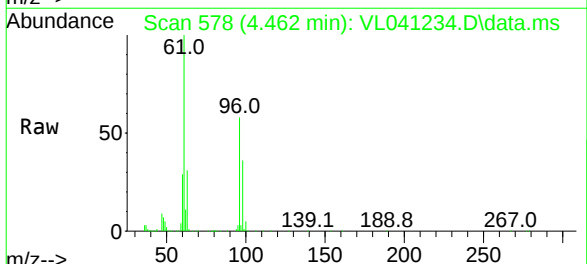
Manual Integrations
 APPROVED

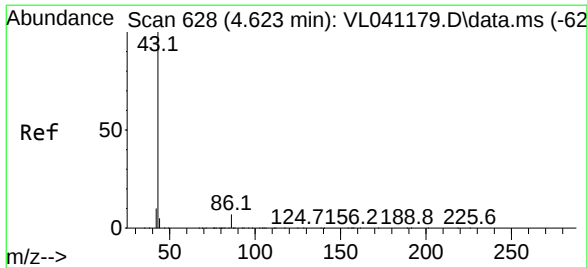
Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.519 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.000 min
 Lab File: VL041234.D
 Acq: 8 May 2024 8:34

Tgt Ion: 96 Resp: 442366
 Ion Ratio Lower Upper
 96 100
 61 170.7 137.6 206.4
 98 61.9 50.6 76.0





#23
 Vinyl Acetate
 Concen: 10.064 ppbv
 RT: 4.645 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VL041234.D
 Acq: 8 May 2024 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

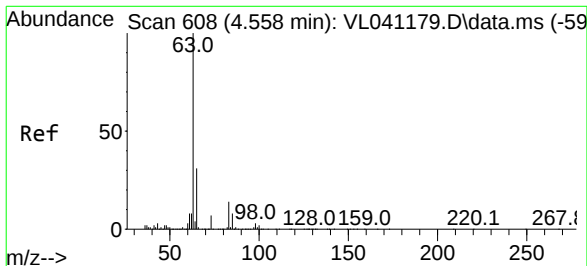
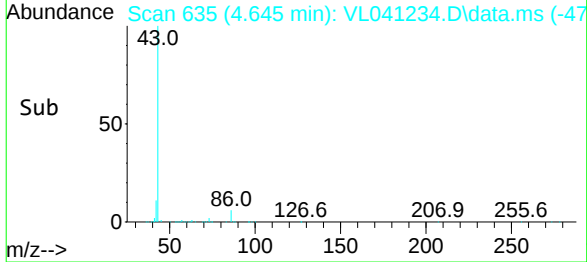
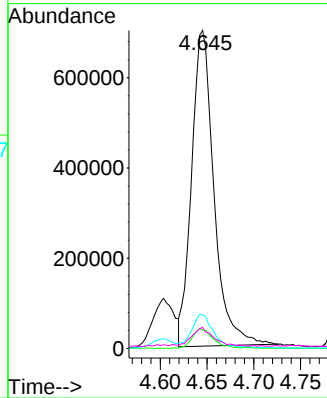
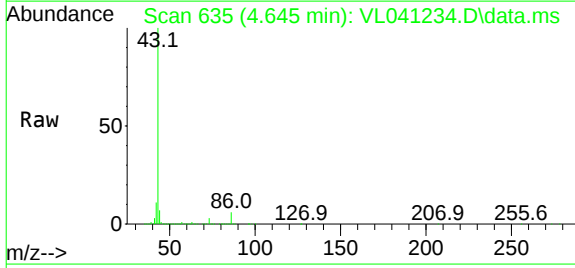
Tgt Ion: 43 Resp: 1166827

Ion	Ratio	Lower	Upper
43	100		
86	5.7	4.9	7.3
42	10.6	8.0	12.0
44	5.8	3.7	5.5#

Manual Integrations

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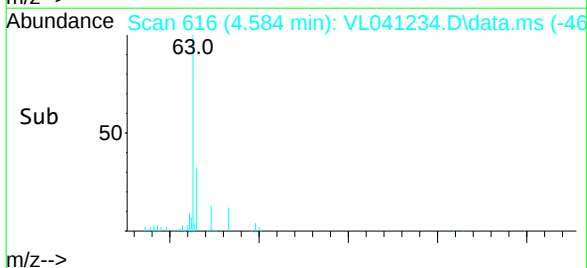
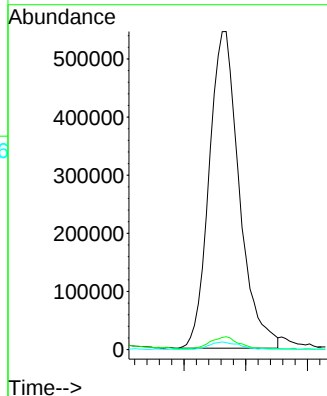
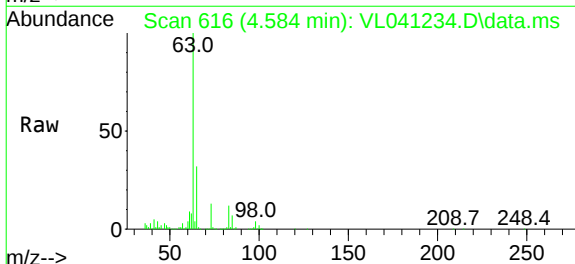
Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024

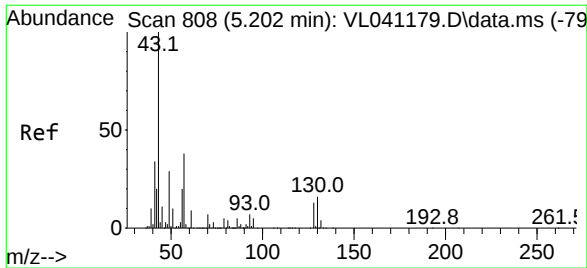


#24
 1,1-Dichloroethane
 Concen: 10.263 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. 0.000 min
 Lab File: VL041234.D
 Acq: 8 May 2024 8:34

Tgt Ion: 63 Resp: 925235

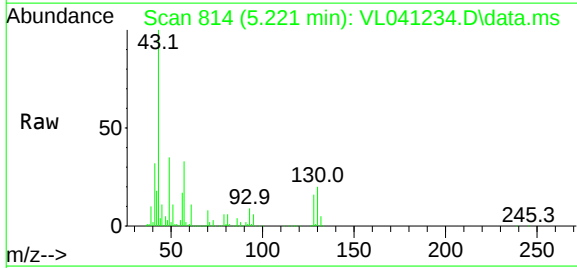
Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.6	4.8
100	2.2	1.1	3.5





#25
Ethyl Acetate
Concen: 9.650 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

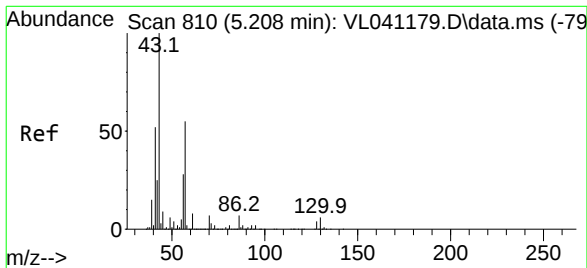
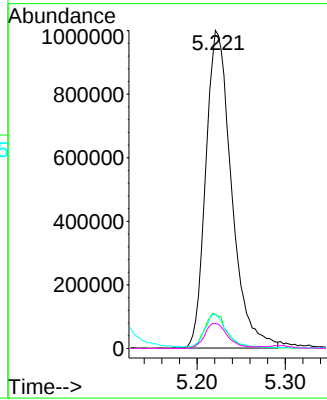
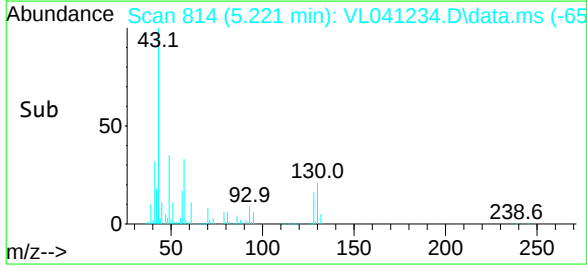
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



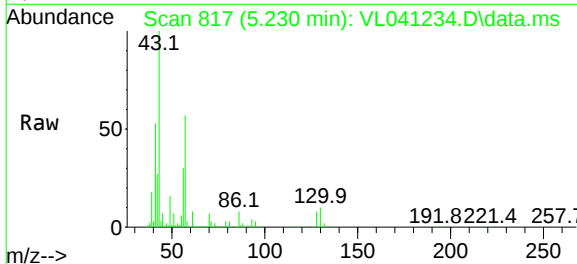
Tgt Ion: 43 Resp: 2028041
Ion Ratio Lower Upper
43 100
45 10.1 8.2 12.2
61 9.6 7.7 11.5
70 7.1 5.8 8.6

Manual Integrations
APPROVED

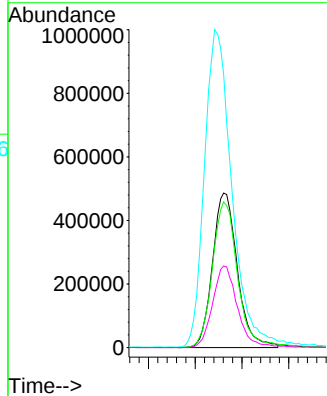
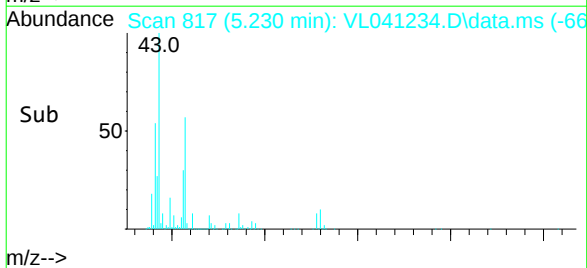
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

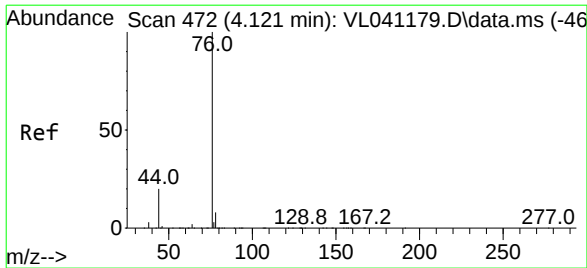


#26
Hexane
Concen: 9.569 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34



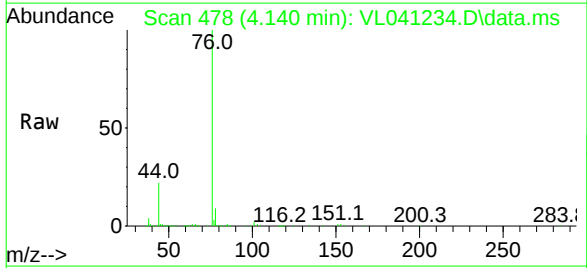
Tgt Ion: 57 Resp: 897445
Ion Ratio Lower Upper
57 100
41 96.8 75.8 113.8
43 230.6 187.0 280.4
56 53.1 42.7 64.1





#27
Carbon Disulfide
Concen: 10.095 ppbv
RT: 4.140 min Scan# 47
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

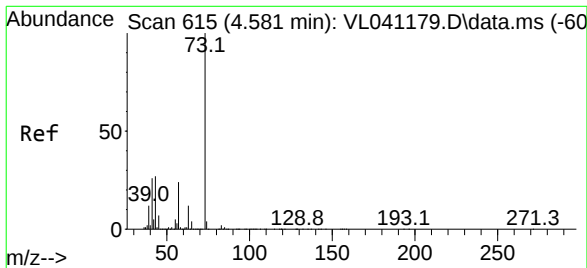
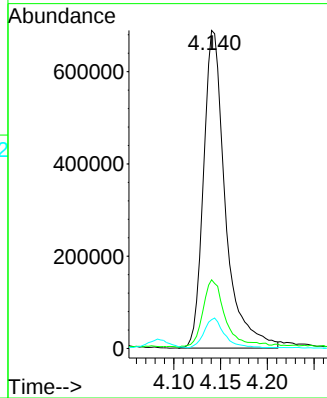
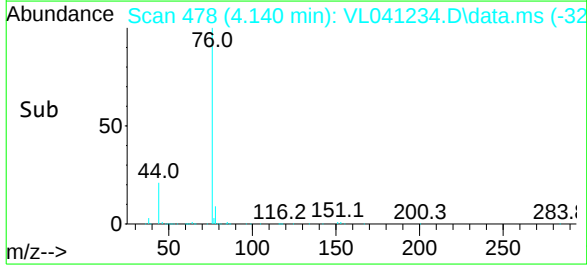
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



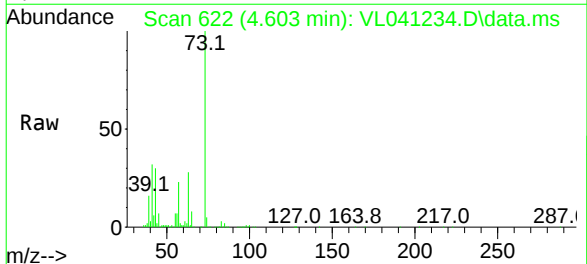
Tgt Ion: 76 Resp: 1120702
Ion Ratio Lower Upper
76 100
44 23.7 16.3 24.5
78 9.6 7.3 10.9

Manual Integrations
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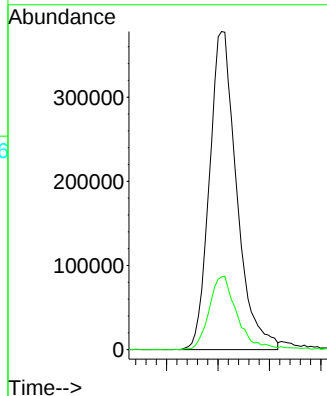
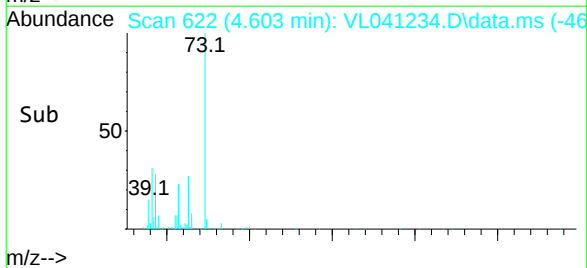
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

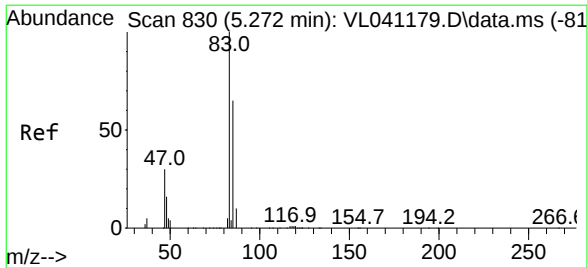


#28
Methyl tert-Butyl Ether
Concen: 9.318 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34



Tgt Ion: 73 Resp: 695778
Ion Ratio Lower Upper
73 100
57 24.1 18.8 28.2





#29

Chloroform

Concen: 10.667 ppbv

RT: 5.295 min Scan# 83

Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1380070

Ion Ratio Lower Upper

83 100

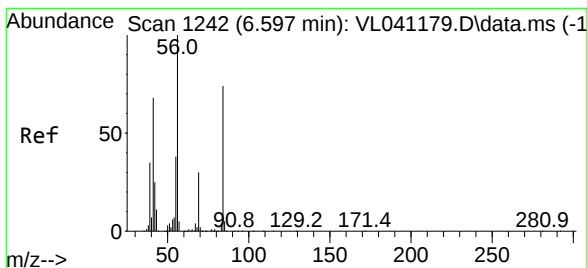
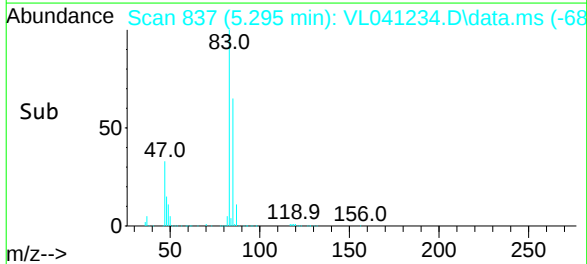
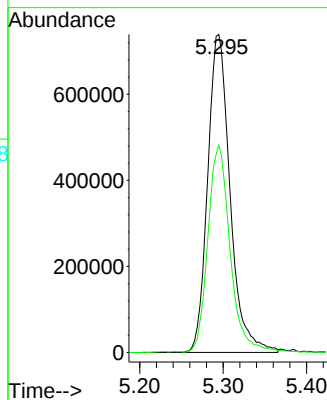
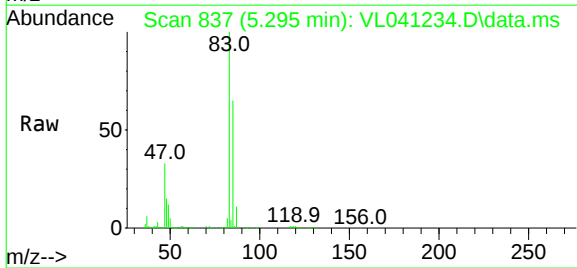
85 64.9 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#30

Cyclohexane

Concen: 10.152 ppbv

RT: 6.623 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

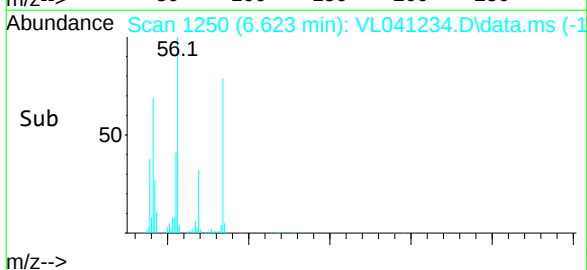
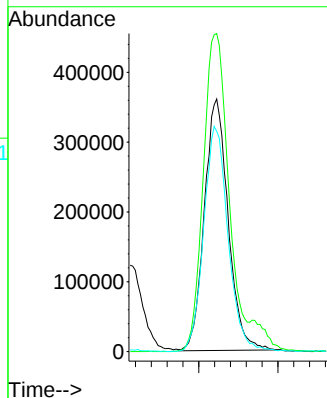
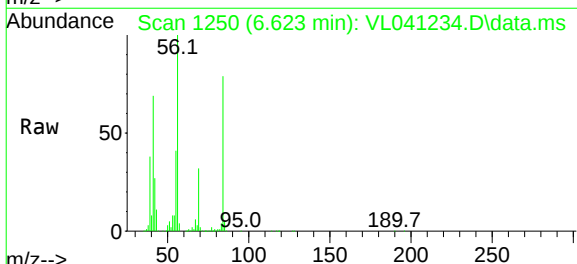
Tgt Ion: 84 Resp: 753642

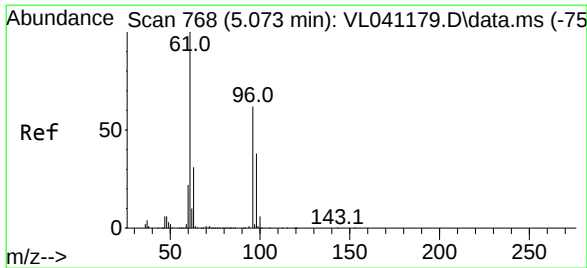
Ion Ratio Lower Upper

84 100

56 142.4 116.8 175.2

41 91.6 73.8 110.8





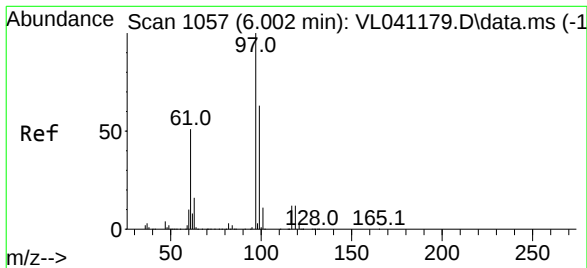
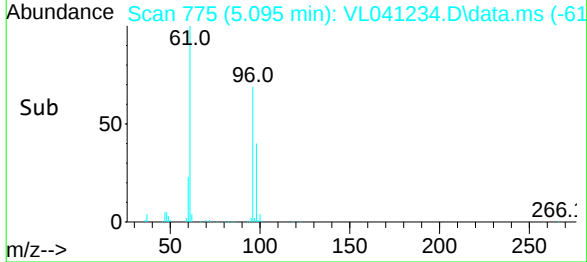
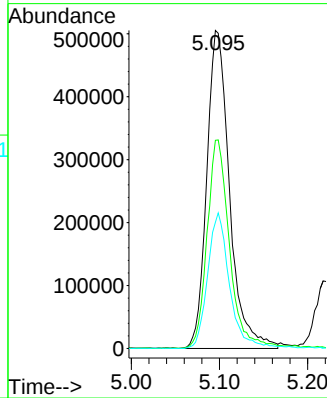
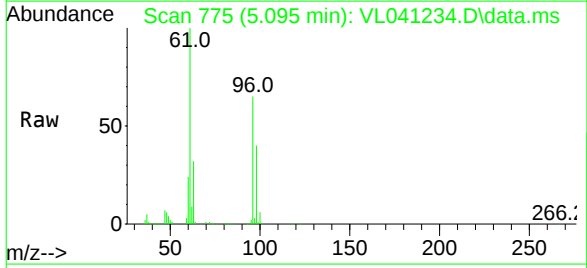
#31
cis-1,2-Dichloroethene
Concen: 10.343 ppbv
RT: 5.095 min Scan# 77
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 908050
Ion Ratio Lower Upper
61 100
96 65.4 49.8 74.6
98 39.6 30.0 45.0

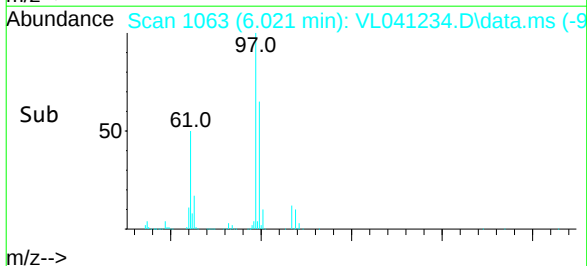
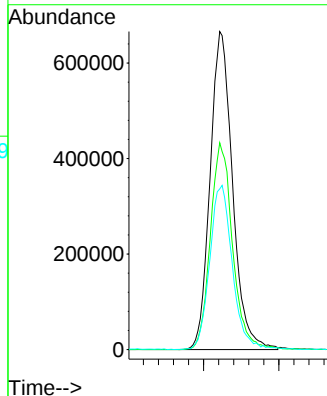
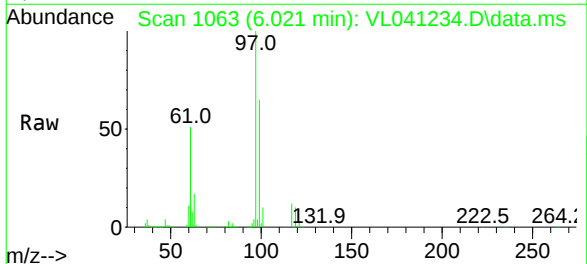
Manual Integrations
APPROVED

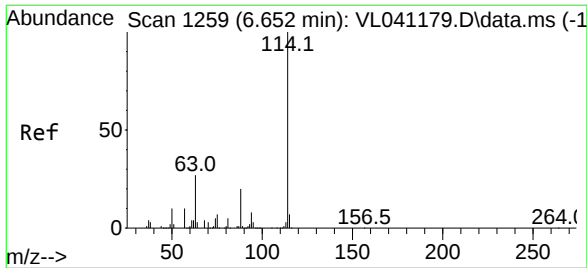
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#32
1,1,1-Trichloroethane
Concen: 10.690 ppbv
RT: 6.021 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

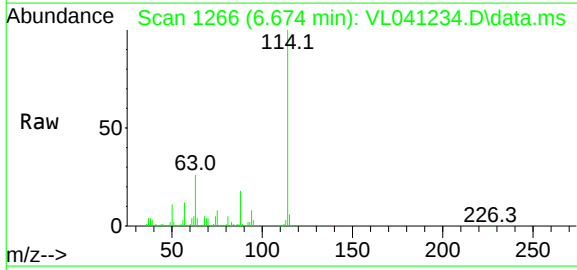
Tgt Ion: 97 Resp: 1379921
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 52.2 41.1 61.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

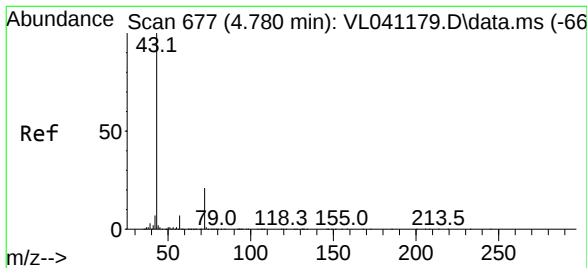
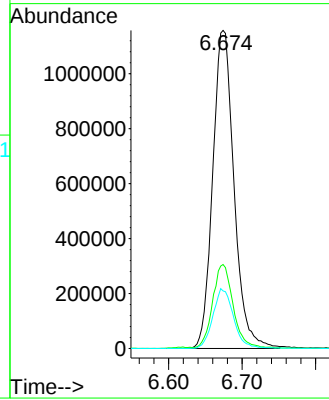
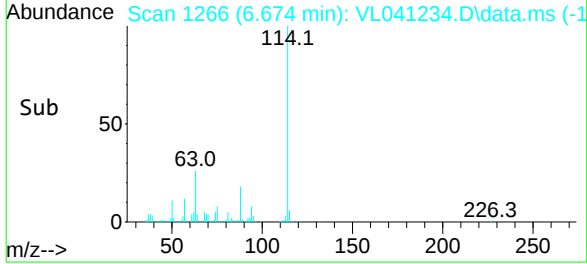
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 114 Resp: 2331059
Ion Ratio Lower Upper
114 100
63 26.1 21.8 32.6
88 18.3 15.2 22.8

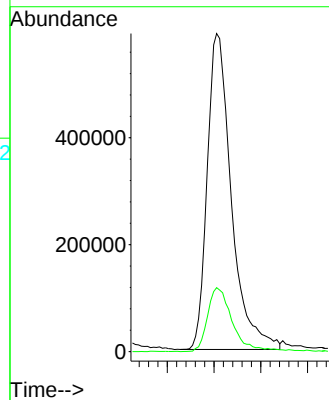
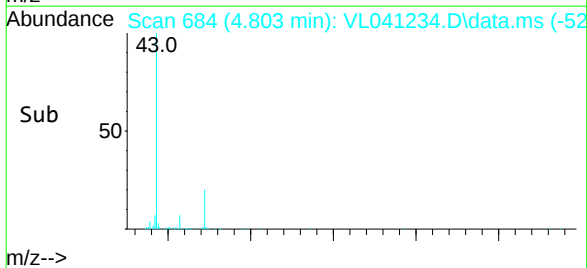
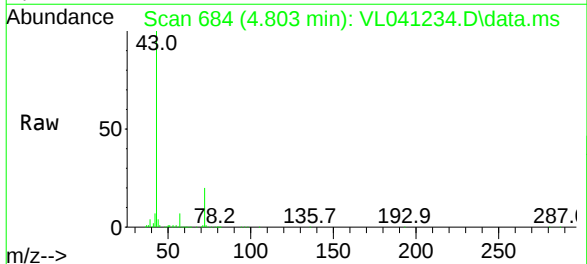
Manual Integrations
APPROVED

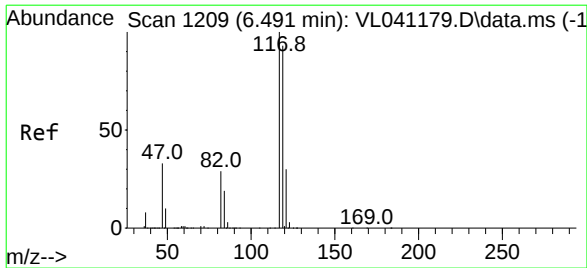
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#34
2-Butanone
Concen: 8.960 ppbv
RT: 4.803 min Scan# 684
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

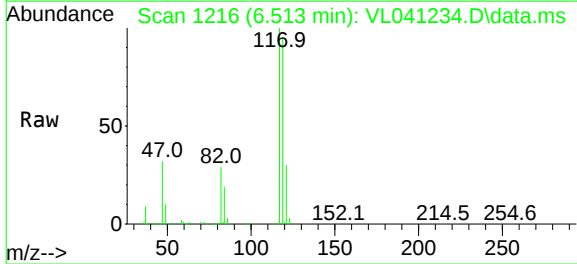
Tgt Ion: 43 Resp: 1063032
Ion Ratio Lower Upper
43 100
72 21.2 17.3 25.9





#35
Carbon Tetrachloride
Concen: 10.626 ppbv
RT: 6.513 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

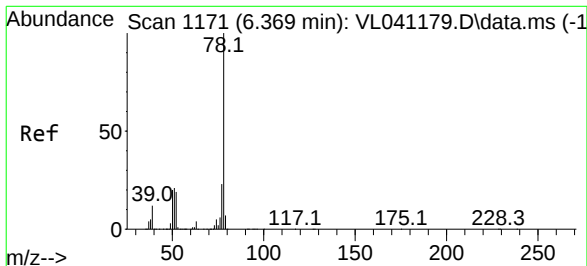
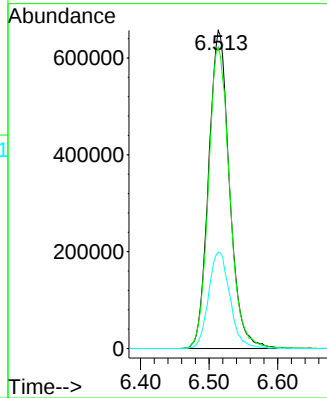
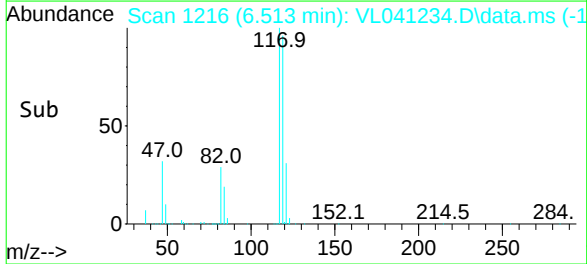
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 1390170
Ion Ratio Lower Upper
117 100
119 94.8 74.3 111.5
121 30.3 23.8 35.8

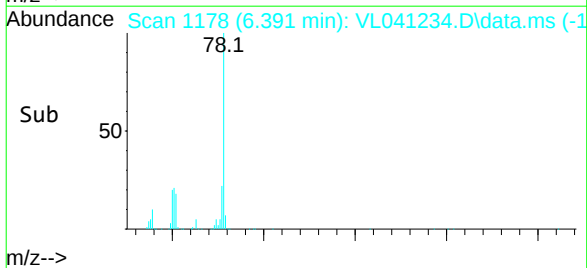
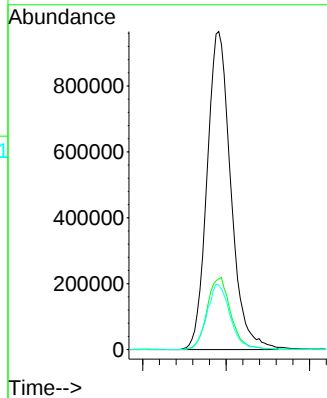
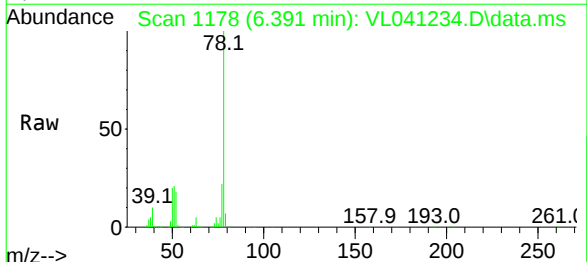
Manual Integrations
APPROVED

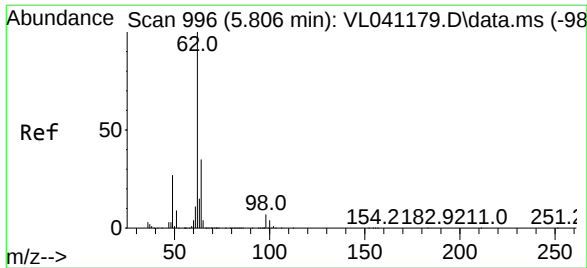
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#36
Benzene
Concen: 9.762 ppbv
RT: 6.391 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Tgt Ion: 78 Resp: 1909548
Ion Ratio Lower Upper
78 100
77 22.2 18.3 27.5
50 20.2 15.9 23.9





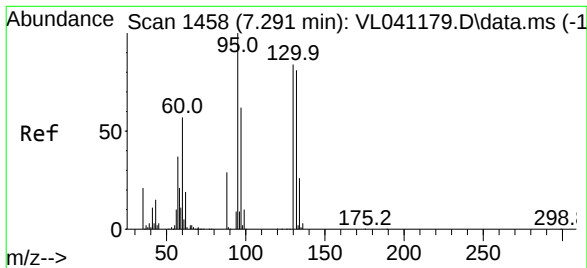
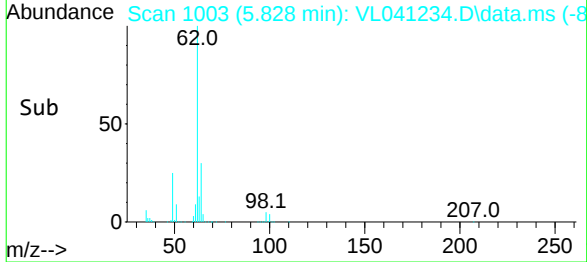
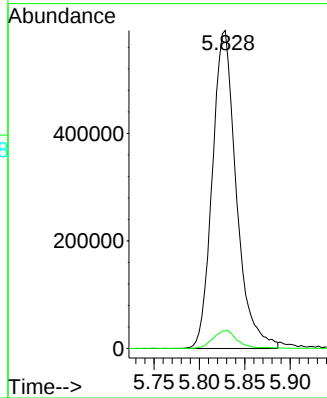
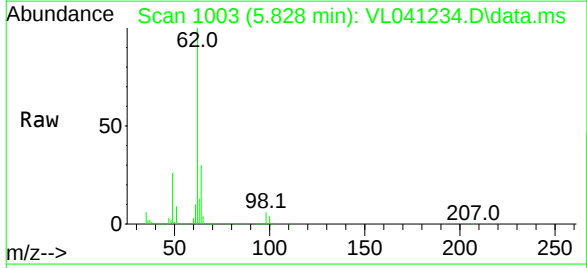
#37
1,2-Dichloroethane
Concen: 10.655 ppbv
RT: 5.828 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1087496
Ion Ratio Lower Upper
62 100
98 5.9 5.0 7.4

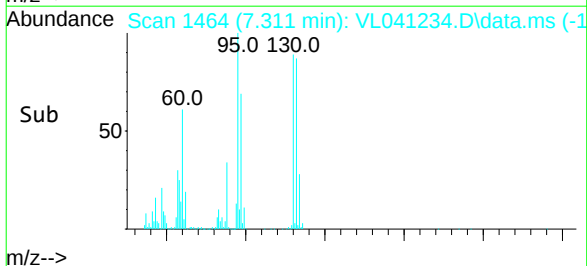
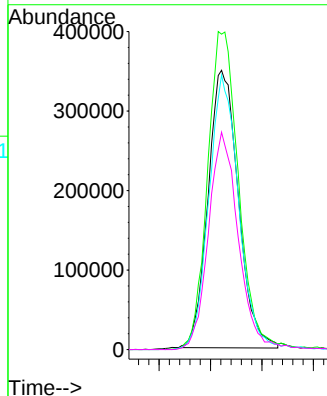
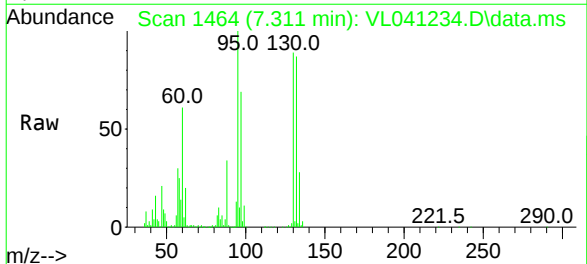
Manual Integrations
APPROVED

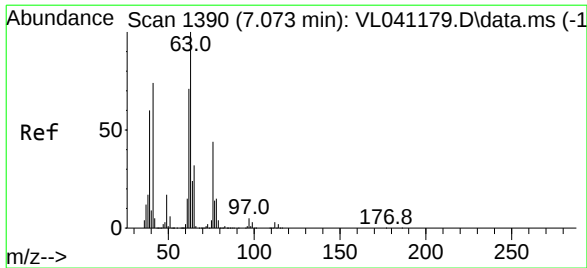
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#38
Trichloroethene
Concen: 9.788 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Tgt Ion:130 Resp: 713505
Ion Ratio Lower Upper
130 100
95 113.4 95.0 142.6
132 98.5 77.0 115.4
97 78.0 59.1 88.7





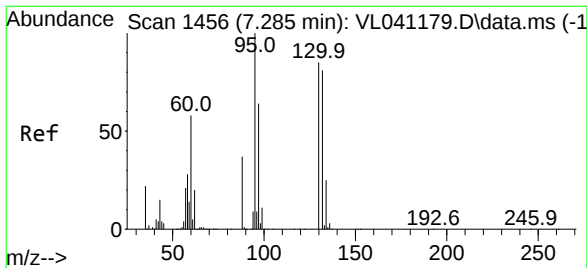
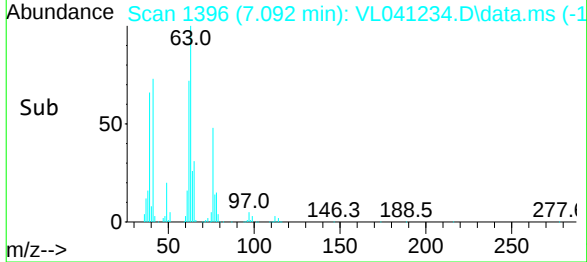
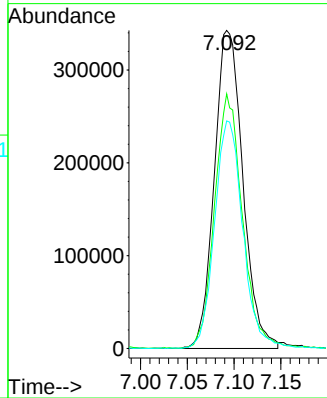
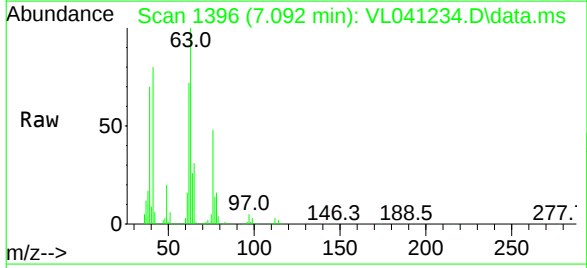
#39
1,2-Dichloropropane
Concen: 9.645 ppbv
RT: 7.092 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 727162
Ion Ratio Lower Upper
63 100
41 80.0 59.4 89.0
62 71.4 56.8 85.2

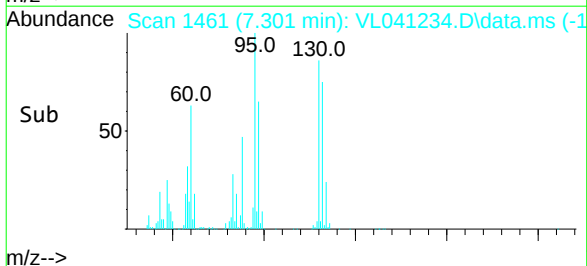
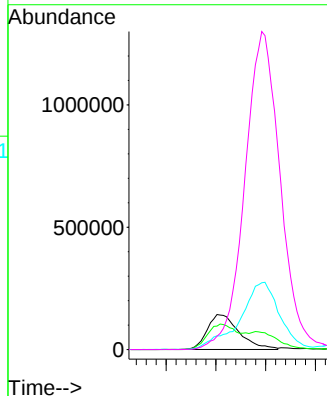
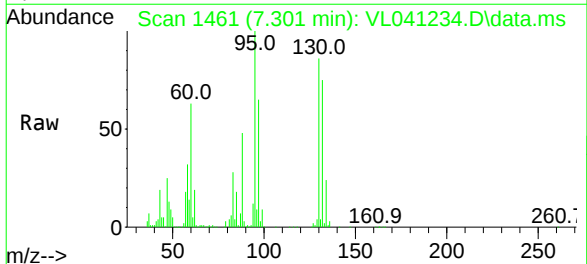
Manual Integrations
APPROVED

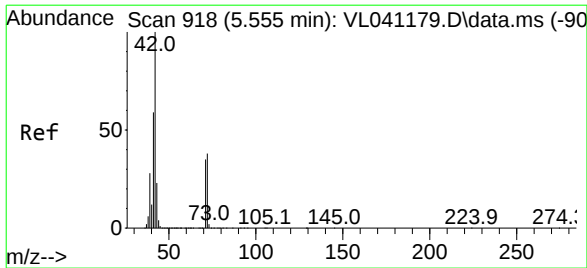
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#40
1,4-Dioxane
Concen: 11.797 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Tgt Ion: 88 Resp: 317740
Ion Ratio Lower Upper
88 100
58 120.5 106.1 159.1
43 241.5 219.8 329.6
57 1018.5 936.0 1404.0





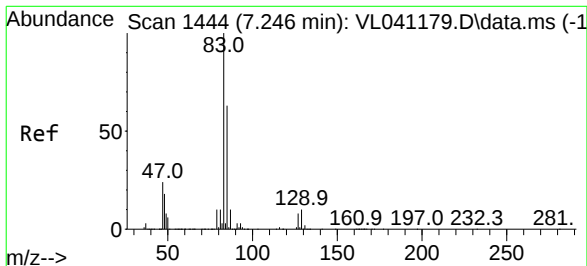
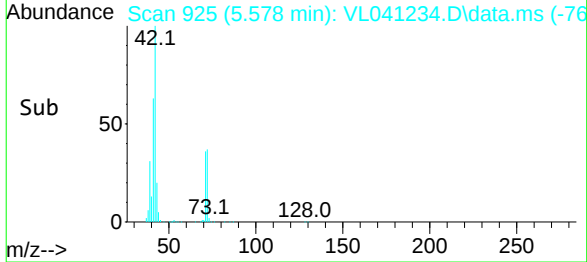
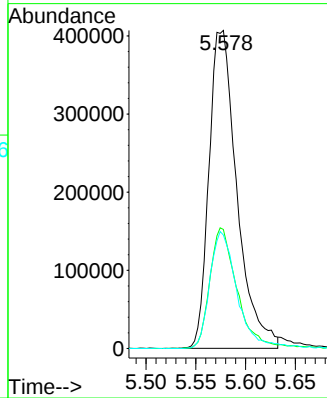
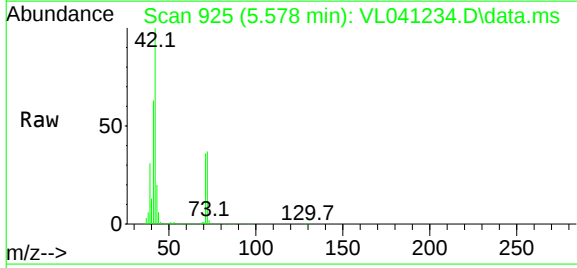
#41
Tetrahydrofuran
Concen: 9.265 ppbv
RT: 5.578 min Scan# 92
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.7	29.4	44.0
71	36.6	29.1	43.7

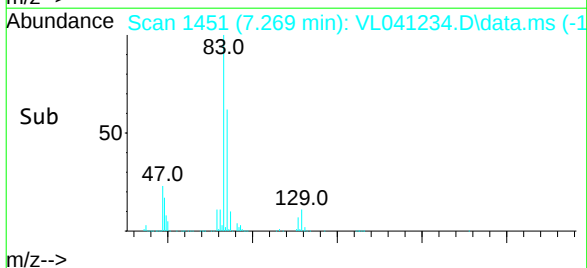
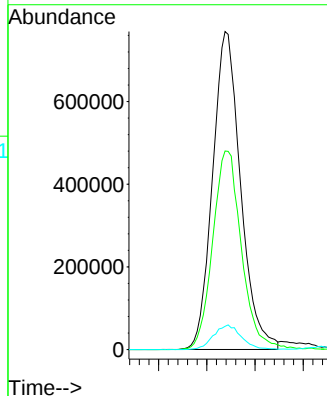
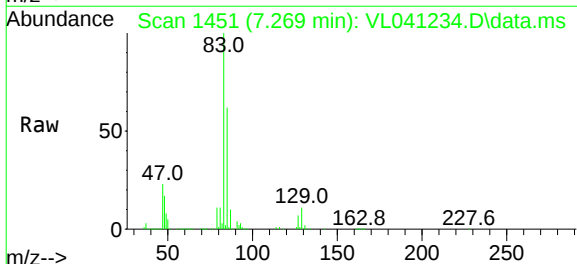
Manual Integrations
APPROVED

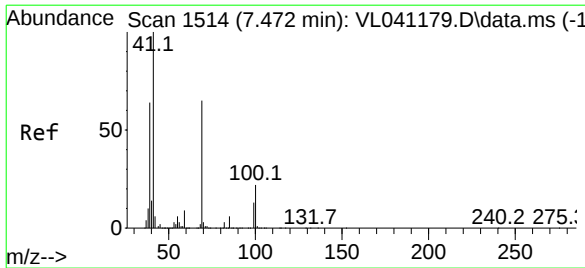
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#42
Bromodichloromethane
Concen: 10.601 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.6	75.8
127	7.3	6.2	9.4





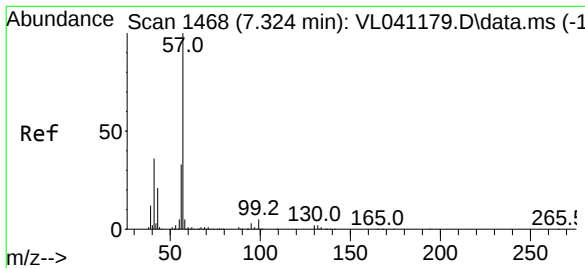
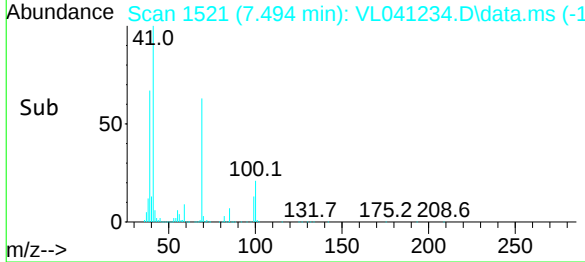
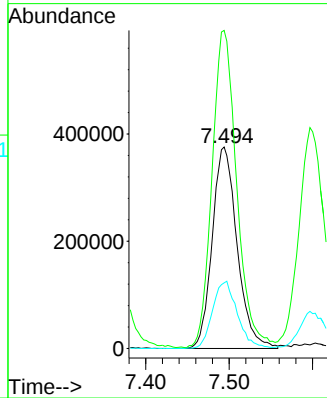
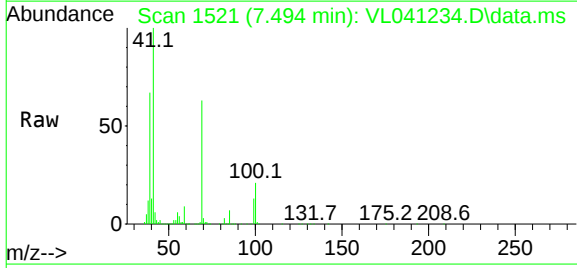
#43
Methyl Methacrylate
Concen: 9.852 ppbv
RT: 7.494 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 779509
Ion Ratio Lower Upper
69 100
41 156.3 125.2 187.8
100 33.2 26.7 40.1

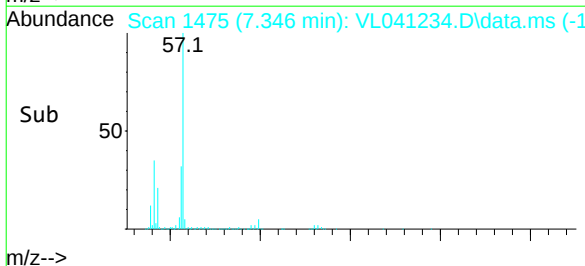
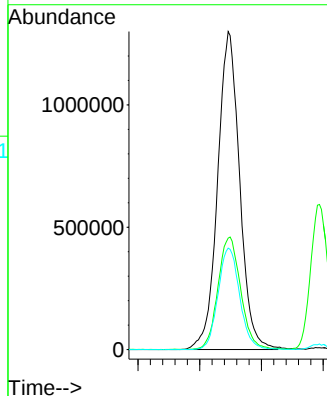
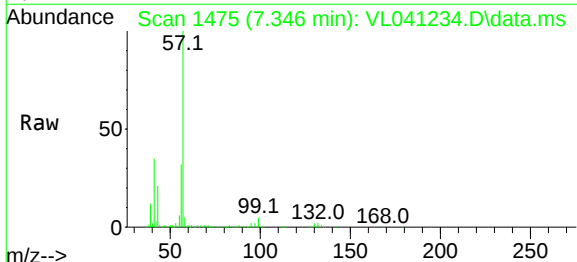
Manual Integrations
APPROVED

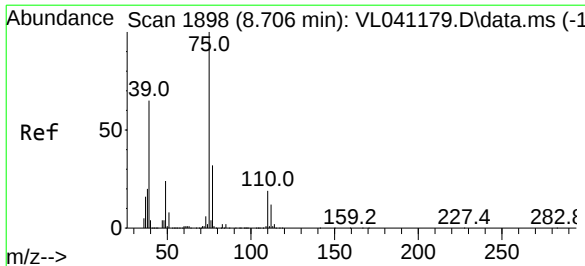
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#44
2,2,4-Trimethylpentane
Concen: 9.565 ppbv
RT: 7.346 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Tgt Ion: 57 Resp: 3226019
Ion Ratio Lower Upper
57 100
41 36.3 29.5 44.3
56 31.4 25.3 37.9





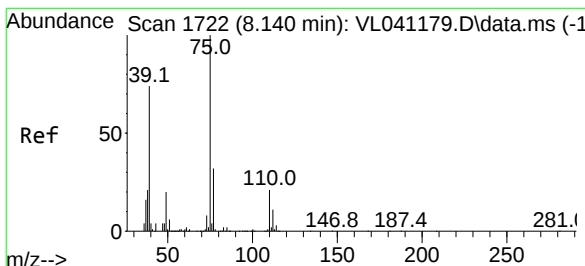
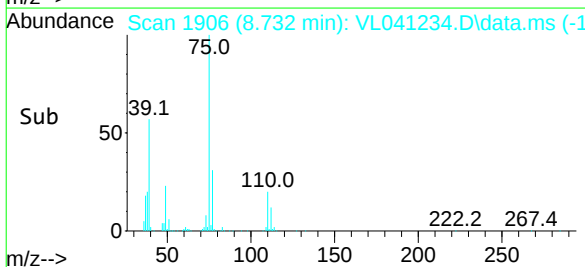
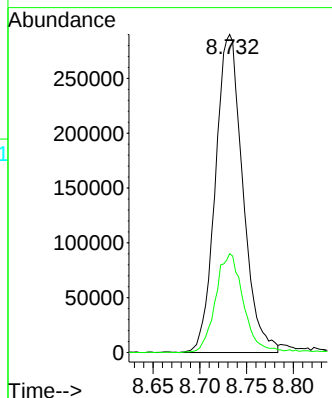
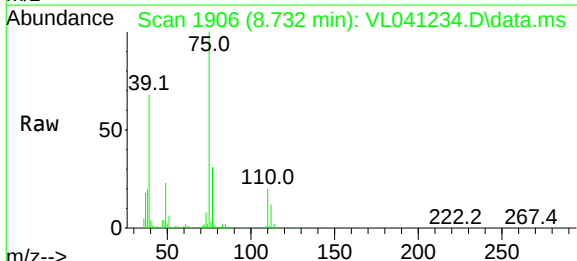
#45
t-1,3-Dichloropropene
Concen: 10.308 ppbv
RT: 8.732 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 591010
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

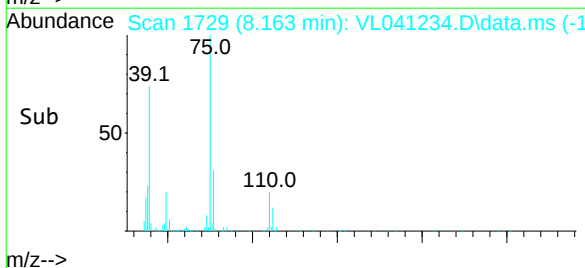
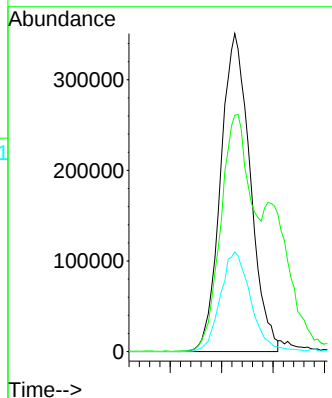
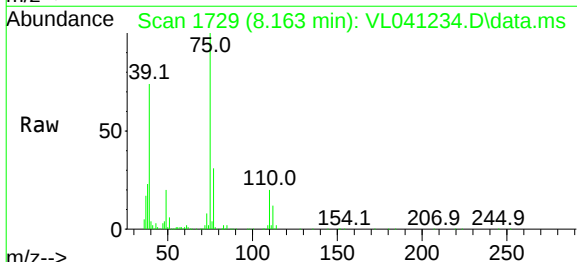
Manual Integrations
APPROVED

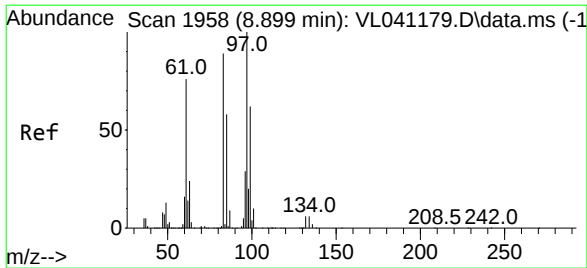
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#46
cis-1,3-Dichloropropene
Concen: 9.982 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Tgt Ion: 75 Resp: 700672
Ion Ratio Lower Upper
75 100
39 74.1 59.4 89.2
77 31.4 25.9 38.9





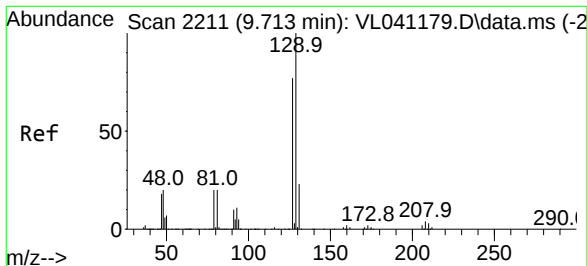
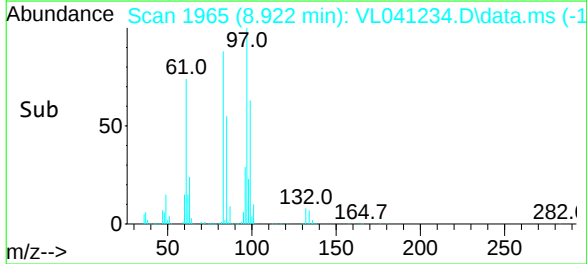
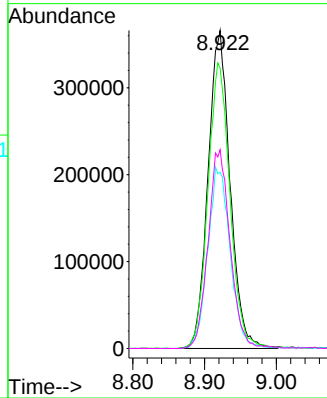
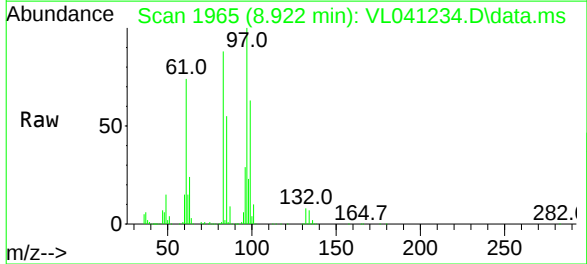
#47
1,1,2-Trichloroethane
Concen: 10.324 ppbv
RT: 8.922 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 778996
Ion Ratio Lower Upper
97 100
83 88.1 71.2 106.8
85 55.4 46.0 69.0
99 62.5 49.7 74.5

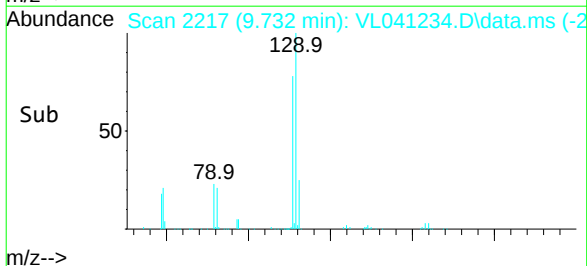
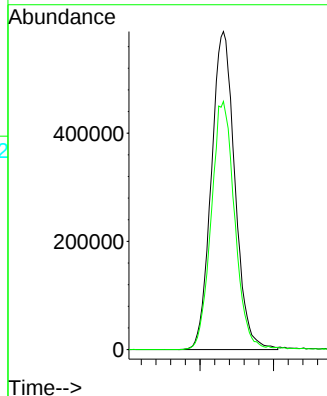
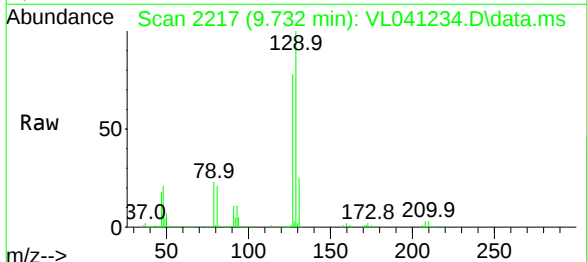
Manual Integrations
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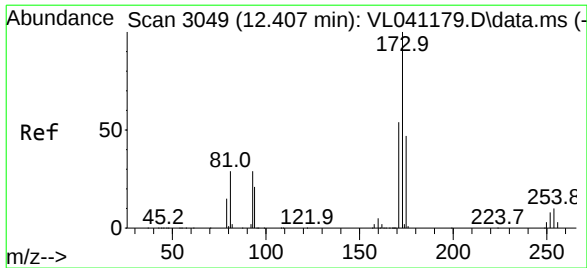
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#48
Dibromochloromethane
Concen: 10.901 ppbv
RT: 9.732 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Tgt Ion:129 Resp: 1310654
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.5





#49

Bromoform

Concen: 10.653 ppbv

RT: 12.429 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

Instrument :

MSVOA_L

ClientSampleId :

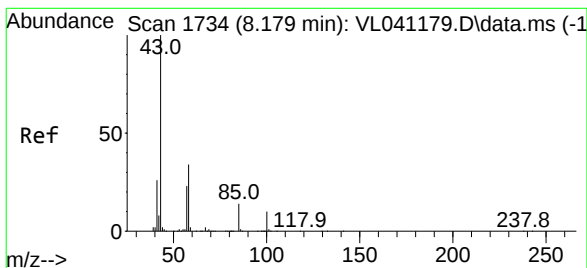
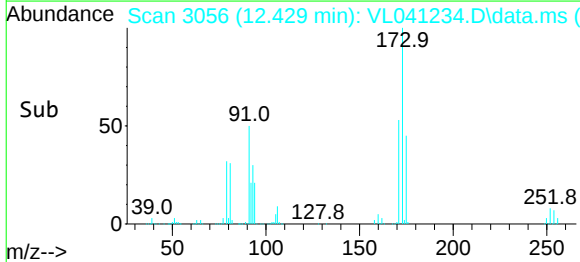
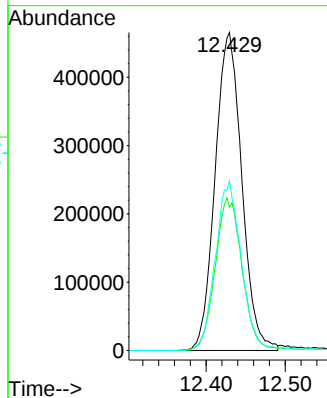
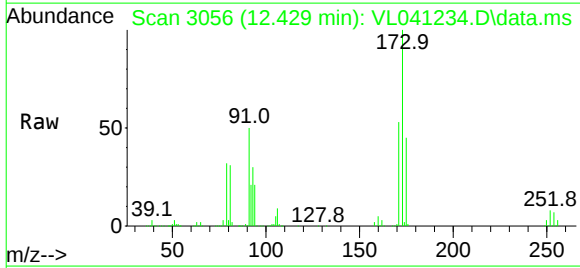
VSTDCCC010

Tgt Ion:	173	Resp:	1089577
Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.8	59.8
171	52.0	41.8	62.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#50

4-Methyl-2-Pentanone

Concen: 9.486 ppbv

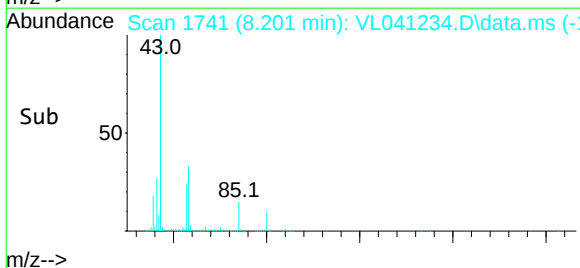
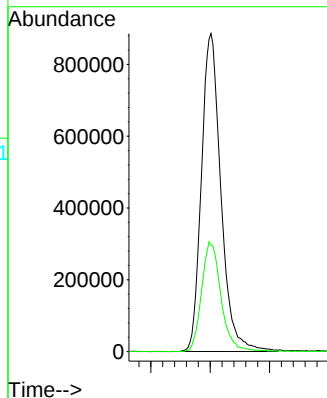
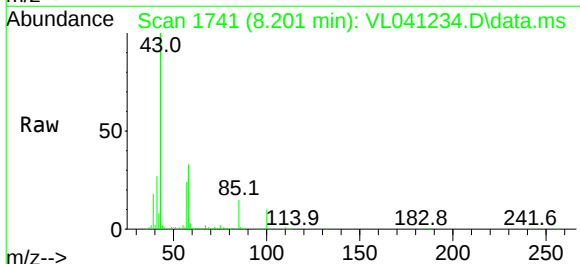
RT: 8.201 min Scan# 1741

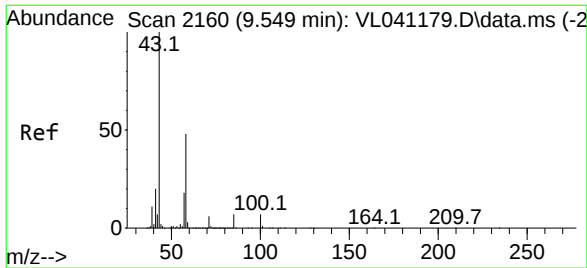
Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

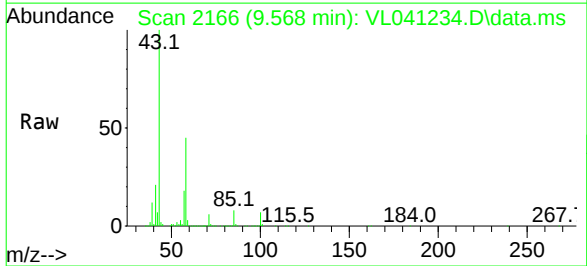
Tgt Ion:	43	Resp:	2019837
Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.7	41.5





#51
2-Hexanone
Concen: 9.247 ppbv
RT: 9.568 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

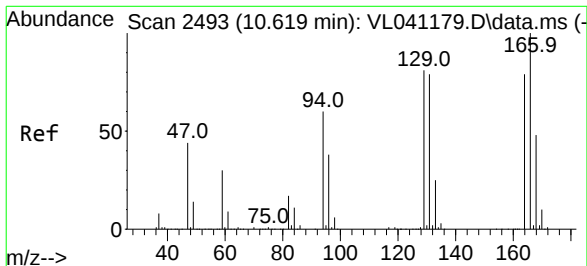
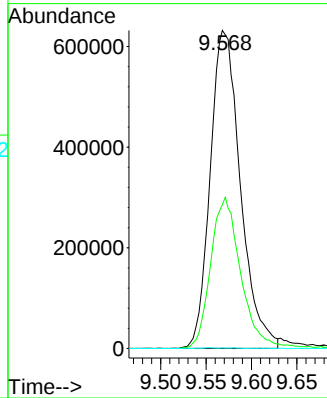
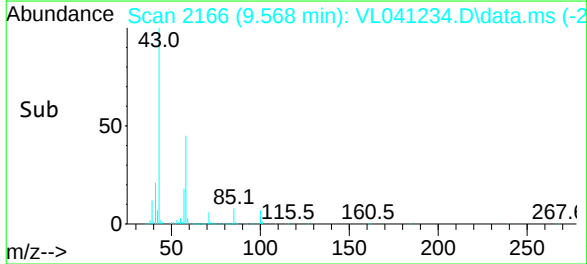
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



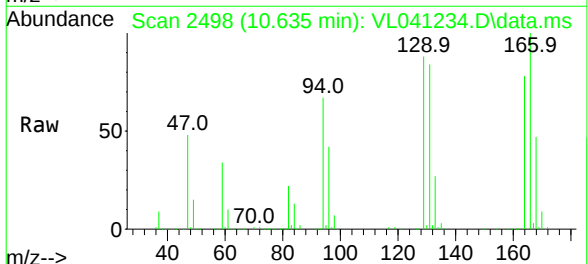
Tgt Ion: 43 Resp: 1460515
Ion Ratio Lower Upper
43 100
58 47.7 38.4 57.6
98 0.2 0.0 0.0

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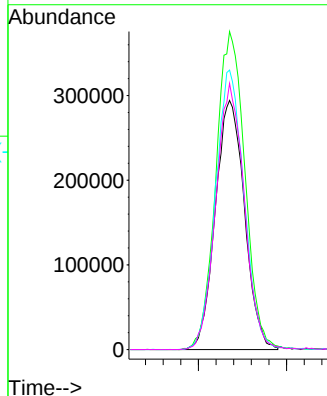
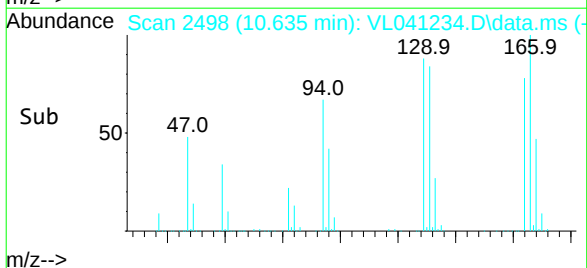
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

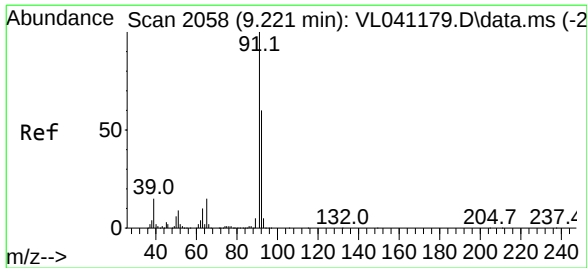


#52
Tetrachloroethene
Concen: 9.819 ppbv
RT: 10.635 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34



Tgt Ion:164 Resp: 675089
Ion Ratio Lower Upper
164 100
166 127.7 101.1 151.7
129 112.1 81.7 122.5
131 106.9 80.4 120.6





#53

Toluene

Concen: 9.854 ppbv

RT: 9.240 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 2235134

Ion Ratio Lower Upper

91 100

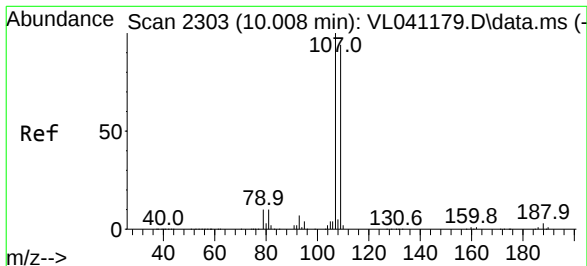
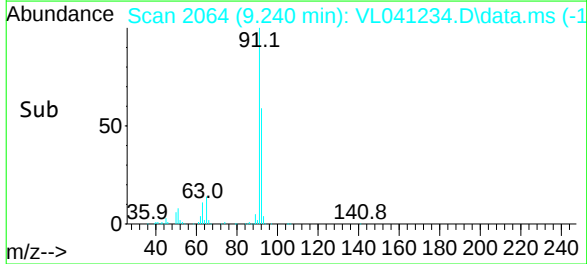
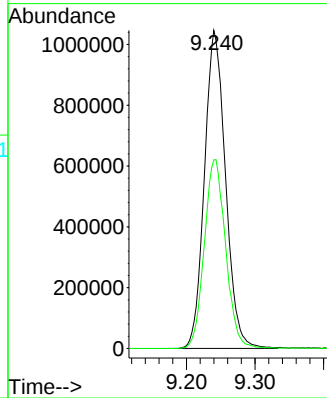
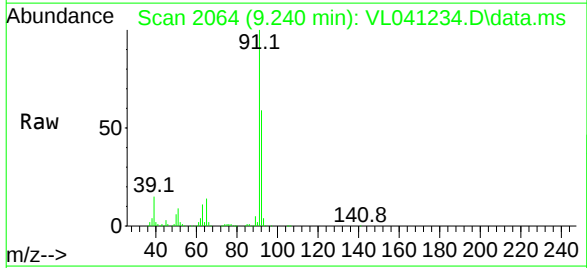
92 60.4 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#54

1,2-Dibromoethane

Concen: 10.559 ppbv

RT: 10.031 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VL041234.D

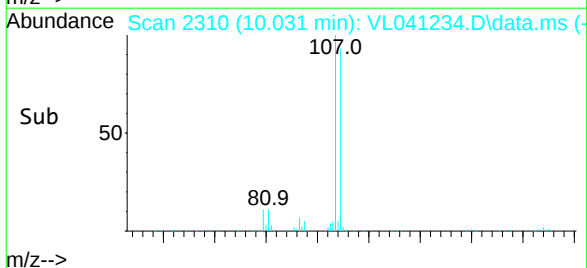
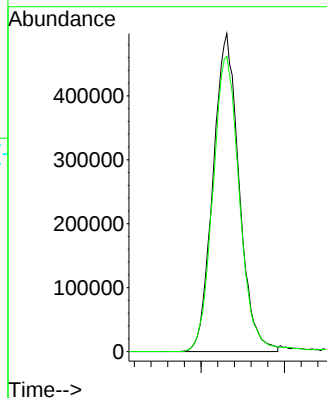
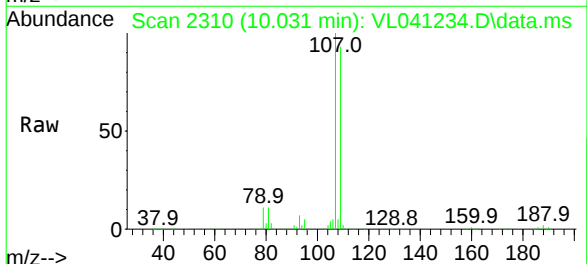
Acq: 8 May 2024 8:34

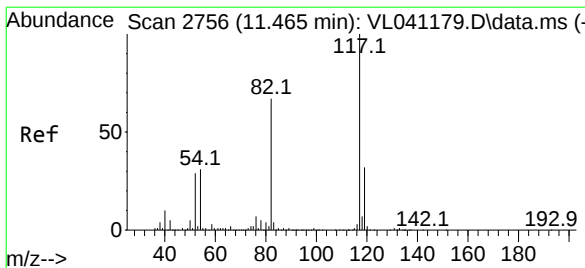
Tgt Ion:107 Resp: 1079142

Ion Ratio Lower Upper

107 100

109 92.8 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.487 min Scan# 2756

Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 2271289

Ion Ratio Lower Upper

117 100

82 64.8 53.6 80.4

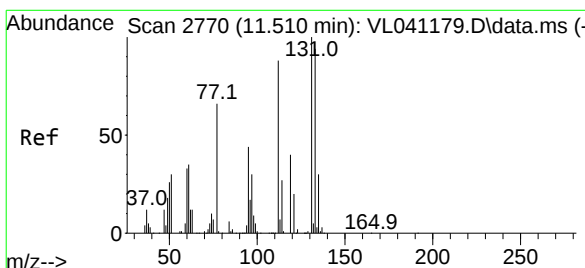
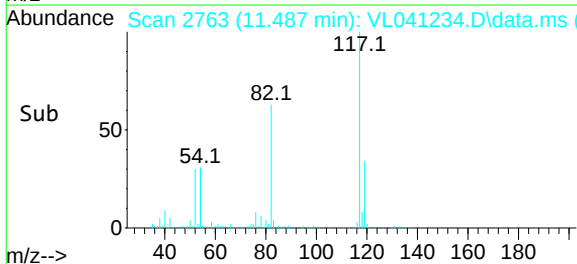
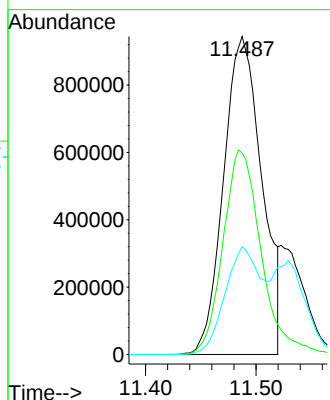
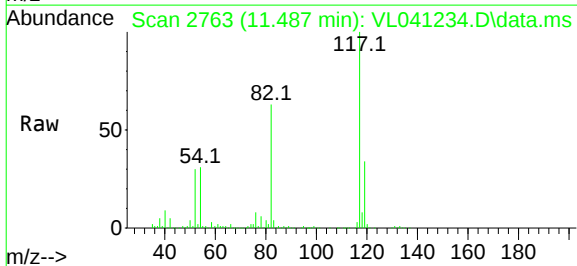
119 29.9 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 10.293 ppbv

RT: 11.529 min Scan# 2776

Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

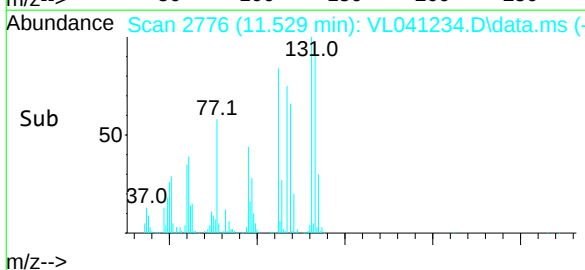
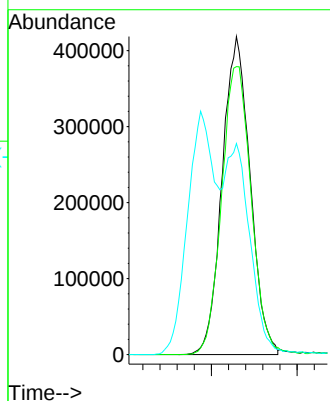
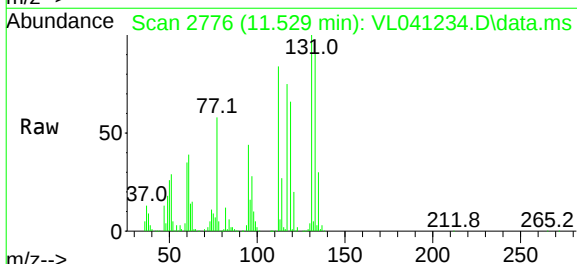
Tgt Ion:131 Resp: 947924

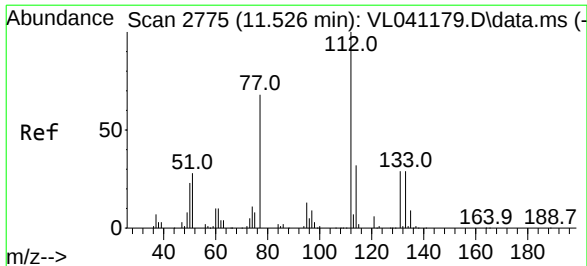
Ion Ratio Lower Upper

131 100

133 96.5 76.3 114.5

119 62.0 49.4 74.2





#57

Chlorobenzene

Concen: 9.996 ppbv

RT: 11.548 min Scan# 2775

Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

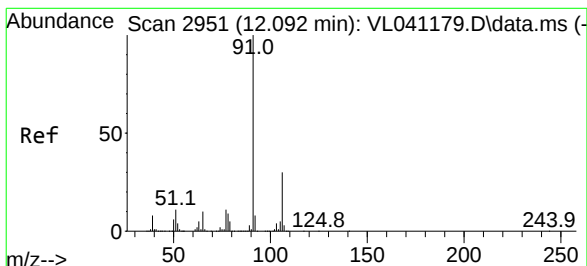
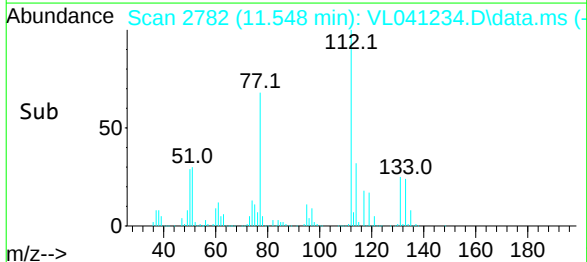
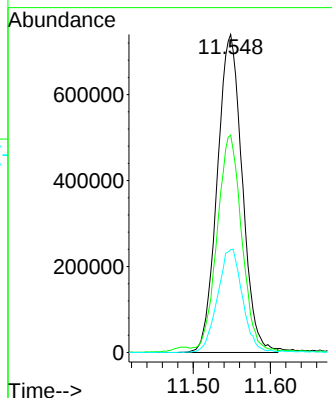
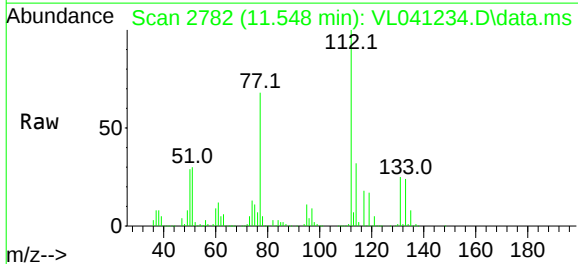
Tgt Ion: 112 Resp: 1662775

Ion	Ratio	Lower	Upper
112	100		
77	67.6	54.9	82.3
114	32.3	28.7	35.1

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 05/09/2024
Supervised By : Mahesh Dadoda 05/09/2024



#58

Ethyl Benzene

Concen: 9.622 ppbv

RT: 12.111 min Scan# 2957

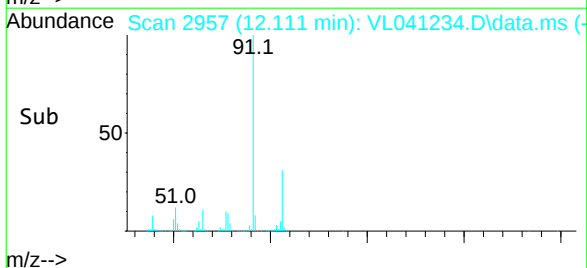
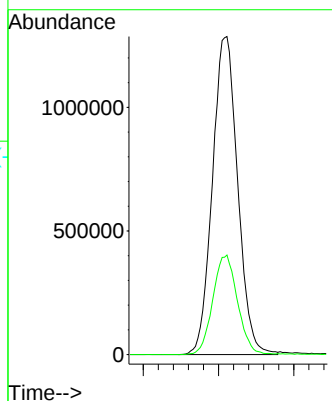
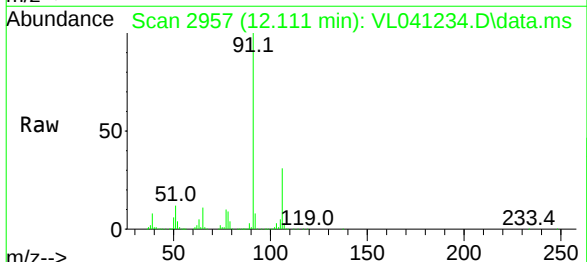
Delta R.T. 0.000 min

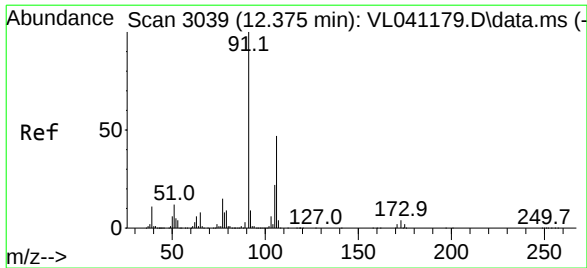
Lab File: VL041234.D

Acq: 8 May 2024 8:34

Tgt Ion: 91 Resp: 2996714

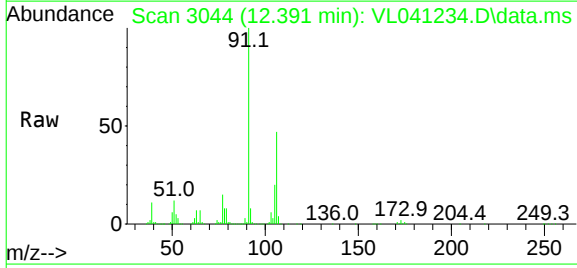
Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.3	36.5





#59
m/p-Xylene
Concen: 19.262 ppbv m
RT: 12.391 min Scan# 3039
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

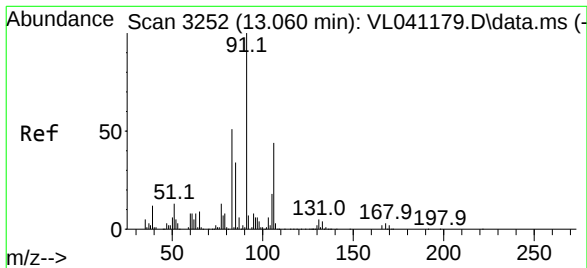
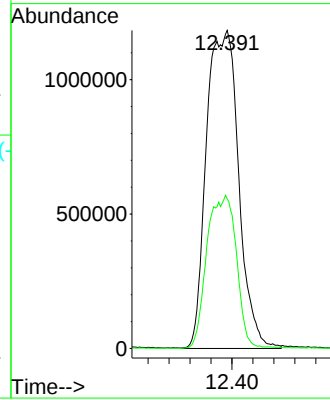
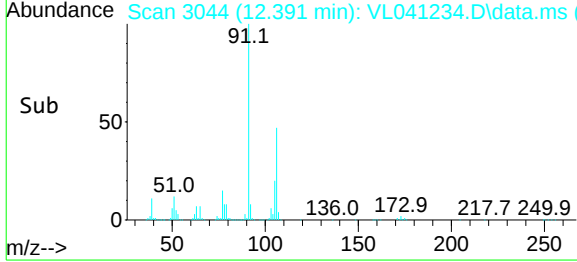
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 5041799
Ion Ratio Lower Upper
91 100
106 44.2 35.7 53.5

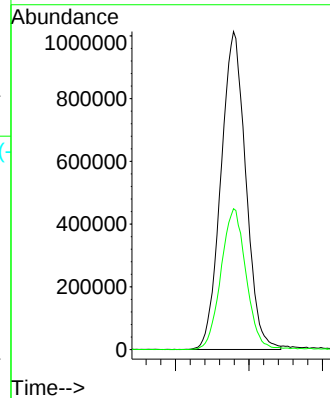
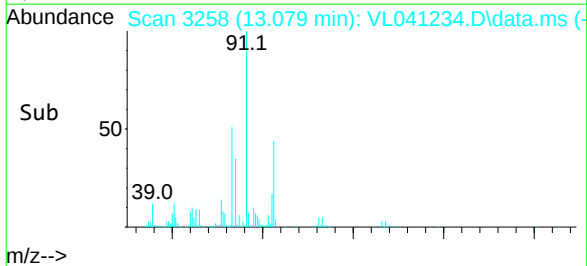
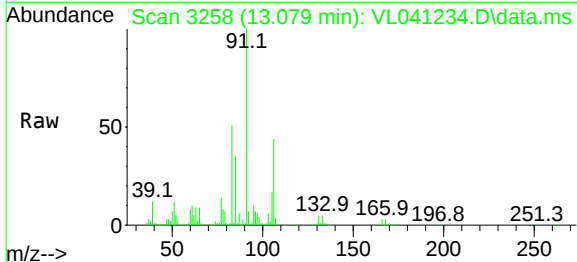
Manual Integrations
APPROVED

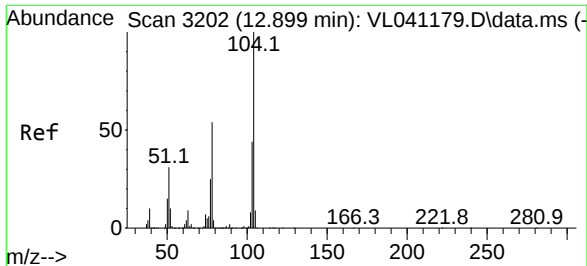
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#60
o-Xylene
Concen: 9.715 ppbv
RT: 13.079 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Tgt Ion: 91 Resp: 2383720
Ion Ratio Lower Upper
91 100
106 45.2 22.4 67.3





#61

Styrene

Concen: 9.921 ppbv

RT: 12.918 min Scan# 3202

Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1285848

Ion Ratio Lower Upper

104 100

78 52.8 42.6 63.8

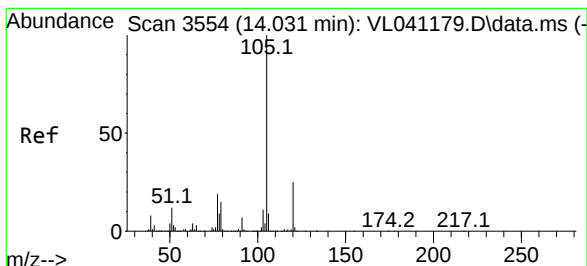
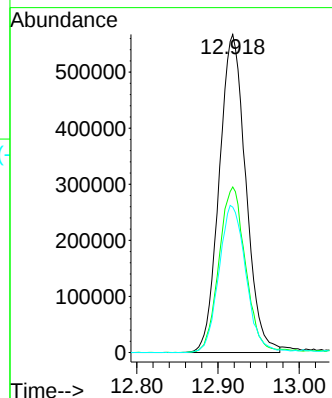
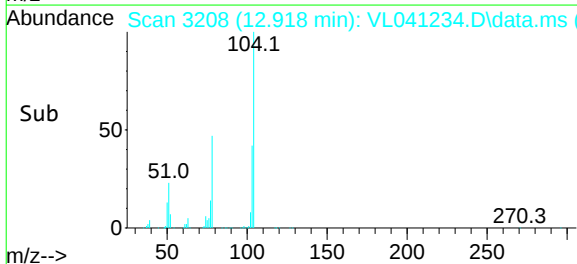
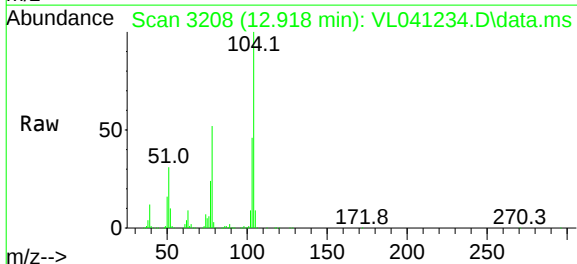
103 47.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#62

Isopropylbenzene

Concen: 9.677 ppbv

RT: 14.050 min Scan# 3560

Delta R.T. 0.000 min

Lab File: VL041234.D

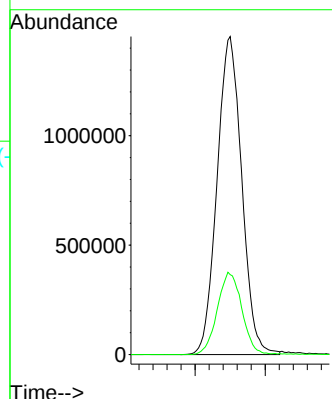
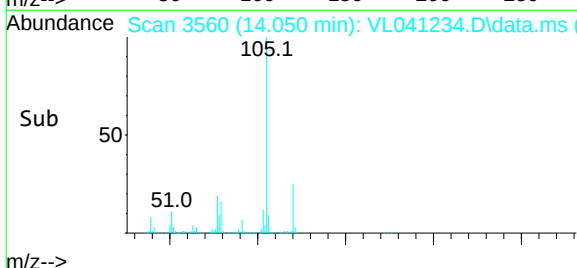
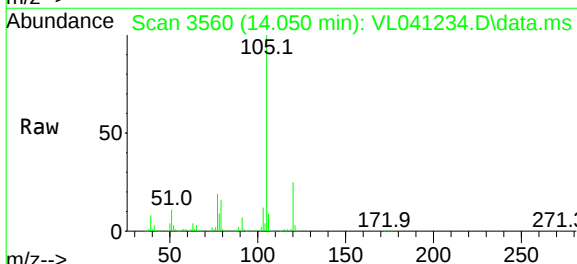
Acq: 8 May 2024 8:34

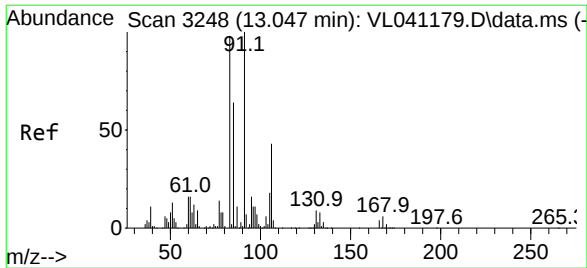
Tgt Ion:105 Resp: 3551524

Ion Ratio Lower Upper

105 100

120 25.8 20.2 30.2





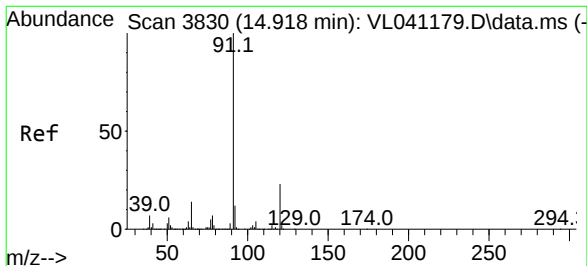
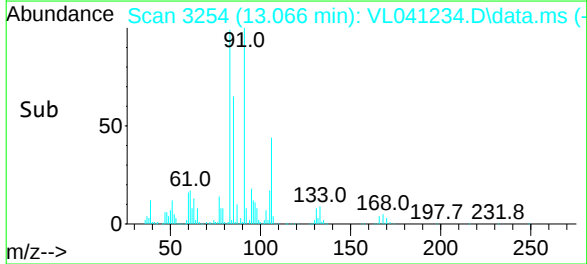
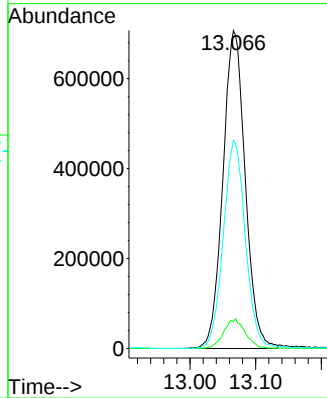
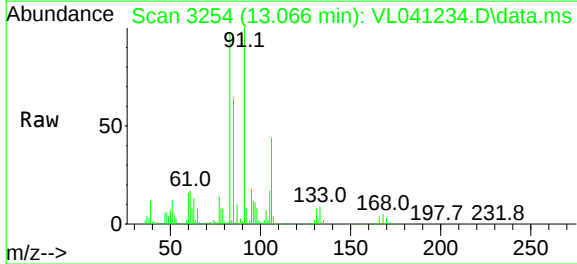
#63
1,1,2,2-Tetrachloroethane
Concen: 9.969 ppbv
RT: 13.066 min Scan# 3248
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1667294
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.5
85 65.4 32.7 98.1

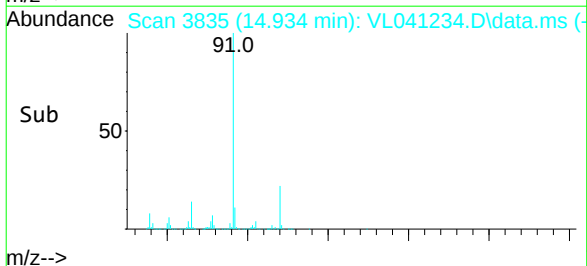
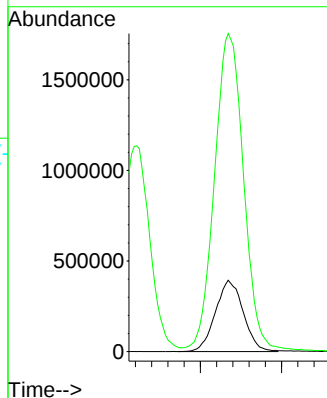
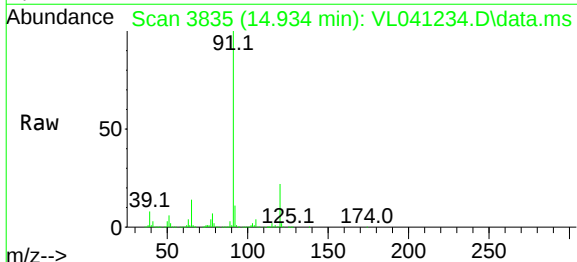
Manual Integrations
APPROVED

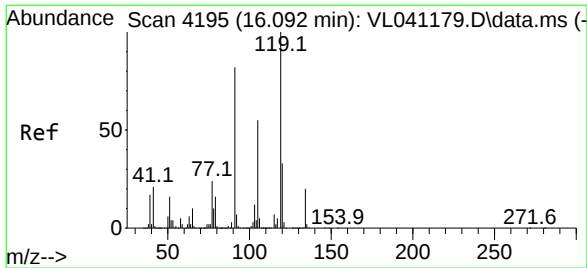
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#64
n-propylbenzene
Concen: 10.223 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

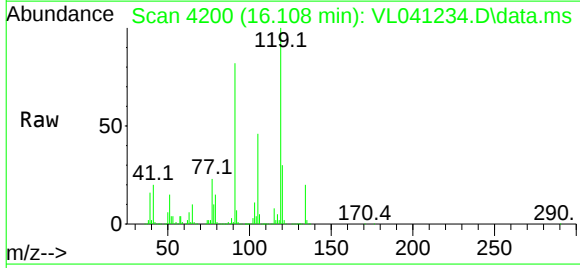
Tgt Ion:120 Resp: 936020
Ion Ratio Lower Upper
120 100
91 469.7 384.8 577.2





#65
tert-Butylbenzene
Concen: 9.460 ppbv
RT: 16.108 min Scan# 4219
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

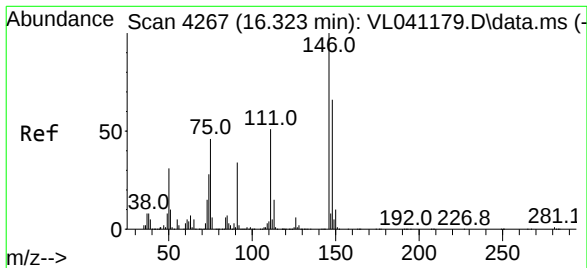
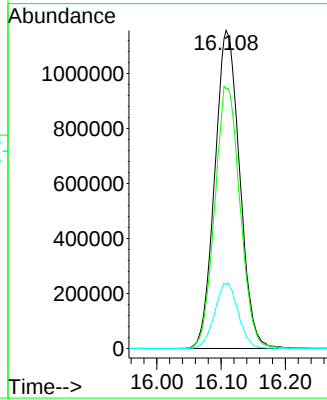
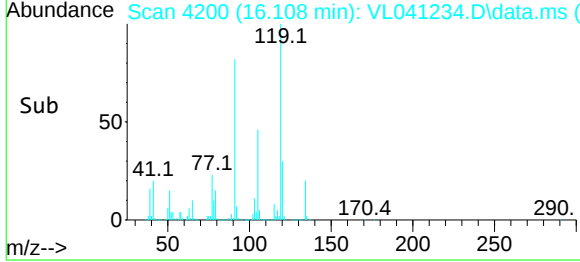
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



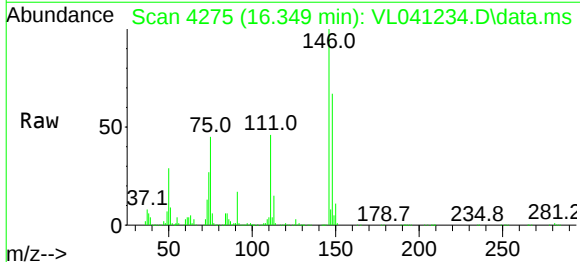
Tgt Ion:119 Resp: 3109712
Ion Ratio Lower Upper
119 100
91 83.9 67.0 100.4
134 19.6 15.2 22.8

Manual Integrations
APPROVED

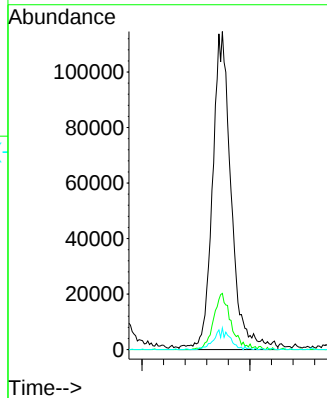
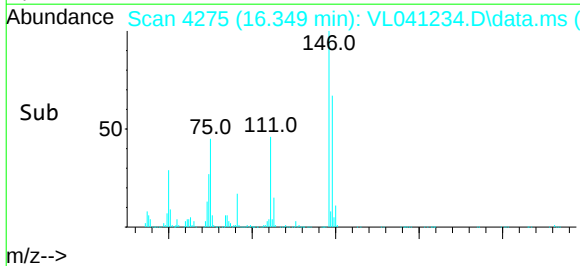
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

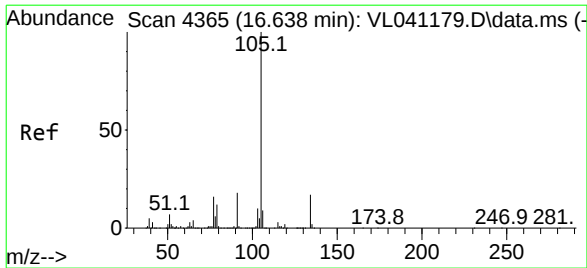


#66
Benzyl Chloride
Concen: 7.403 ppbv m
RT: 16.349 min Scan# 4275
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34



Tgt Ion: 91 Resp: 275455
Ion Ratio Lower Upper
91 100
126 16.8 14.6 21.8
128 5.6 4.7 7.1





#67

sec-Butylbenzene

Concen: 9.579 ppbv

RT: 16.651 min Scan# 43

Delta R.T. 0.000 min

Lab File: VL041234.D

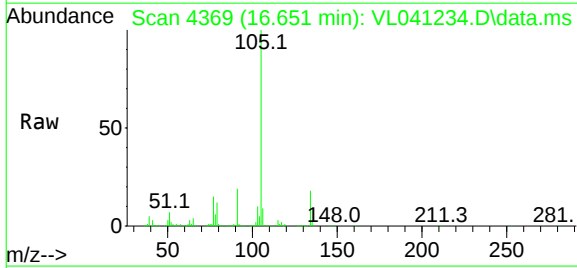
Acq: 8 May 2024 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:105 Resp: 4432478

Ion Ratio Lower Upper

105 100

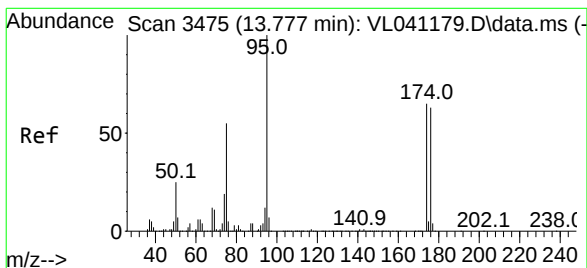
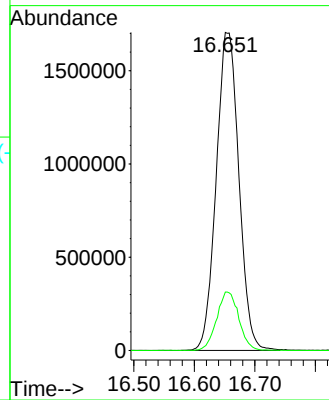
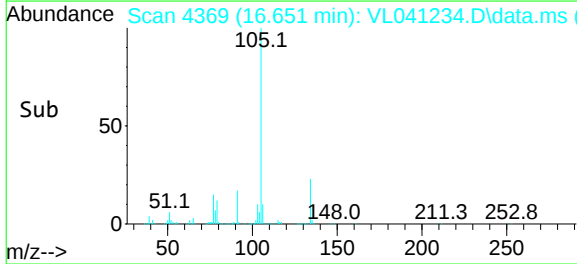
134 18.0 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 9.979 ppbv

RT: 13.796 min Scan# 3481

Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

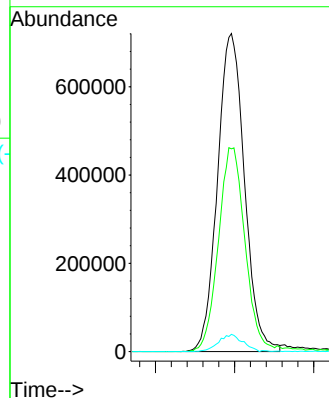
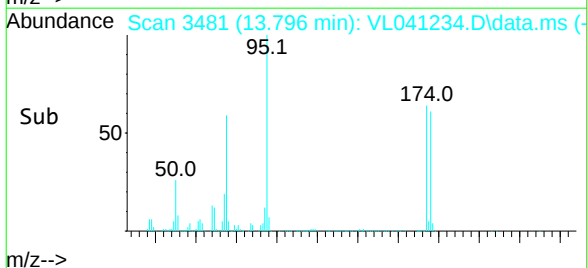
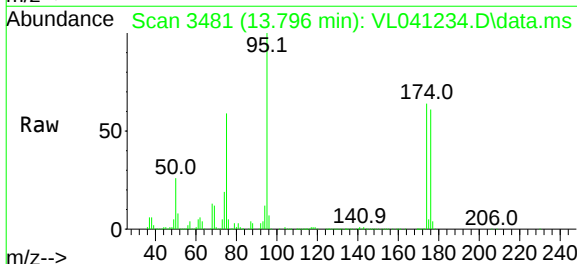
Tgt Ion: 95 Resp: 1711049

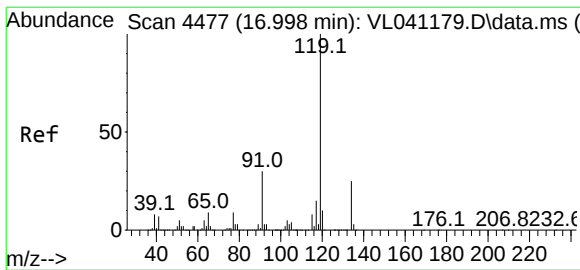
Ion Ratio Lower Upper

95 100

174 64.1 53.6 80.4

175 5.0 4.2 6.4





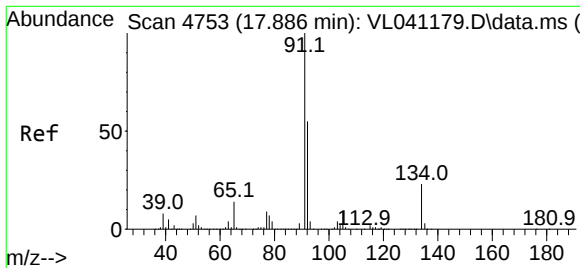
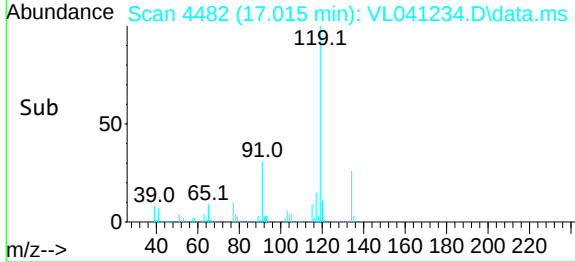
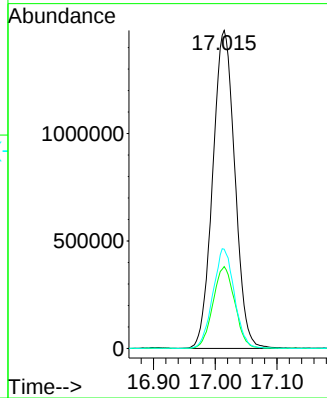
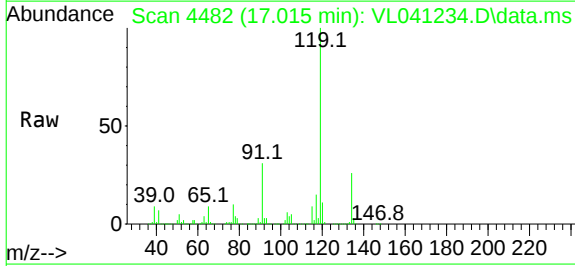
#69
p-Isopropyltoluene
Concen: 9.664 ppbv
RT: 17.015 min Scan# 44
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:	119	Resp:	3685036
Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.1	30.1
91	30.5	24.2	36.2

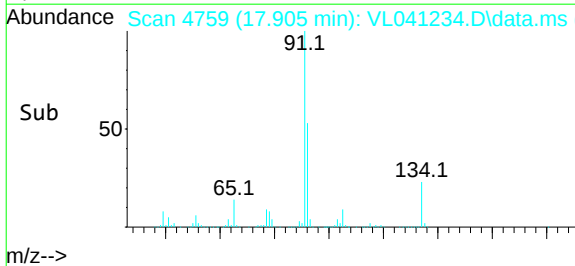
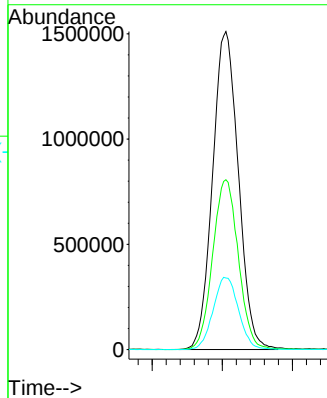
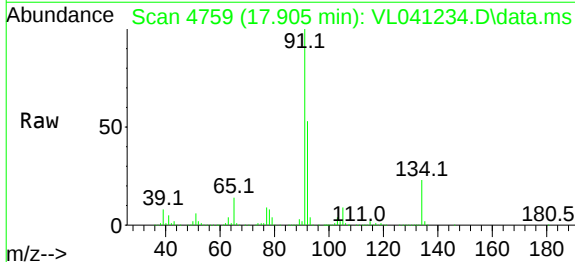
Manual Integrations
APPROVED

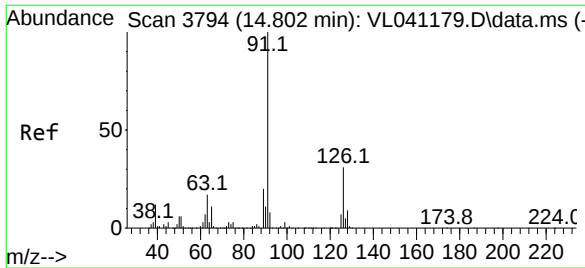
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#70
n-Butylbenzene
Concen: 9.688 ppbv
RT: 17.905 min Scan# 4759
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Tgt Ion:	91	Resp:	3858231
Ion	Ratio	Lower	Upper
91	100		
92	53.3	43.3	64.9
134	22.5	17.8	26.8





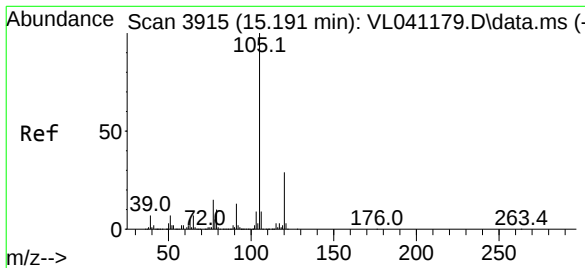
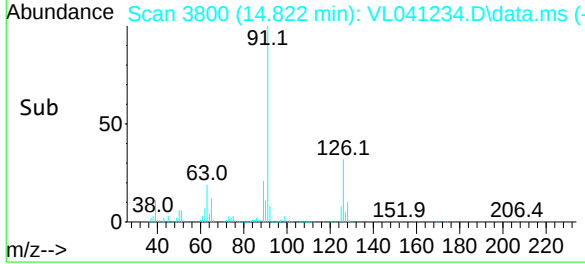
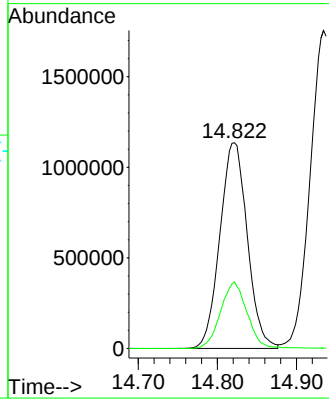
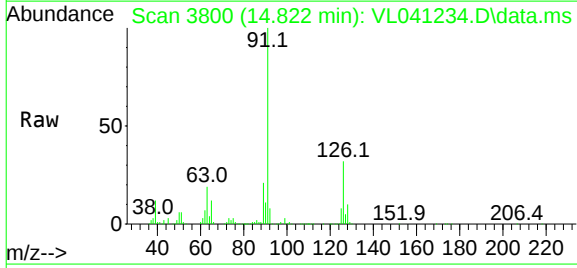
#71
2-Chlorotoluene
Concen: 9.774 ppbv
RT: 14.822 min Scan# 3811
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2731115
Ion Ratio Lower Upper
91 100
126 31.7 12.2 48.8

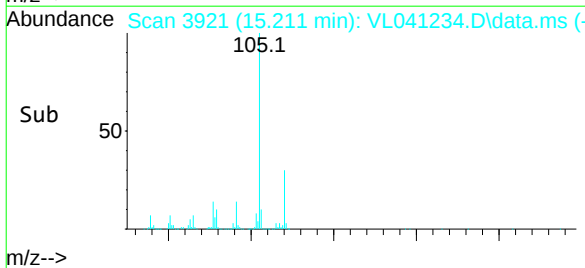
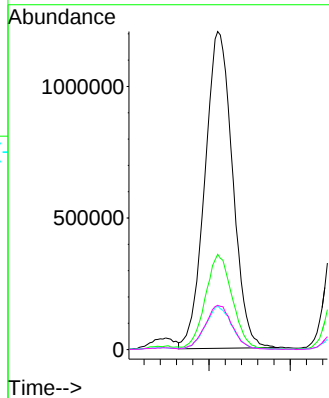
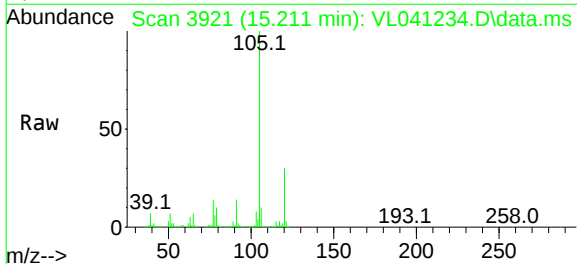
Manual Integrations
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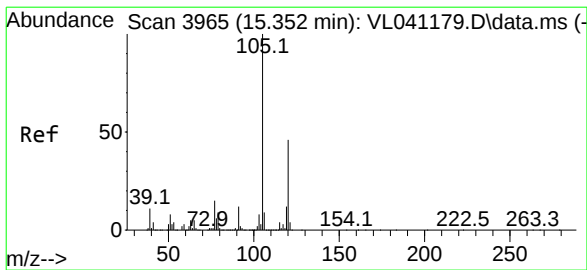
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#72
4-Ethyltoluene
Concen: 10.263 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Tgt Ion:105 Resp: 2852375
Ion Ratio Lower Upper
105 100
120 30.7 24.7 37.1
91 13.4 10.3 15.5
77 14.0 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 9.856 ppbv

RT: 15.371 min Scan# 39

Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 2478321

Ion Ratio Lower Upper

105 100

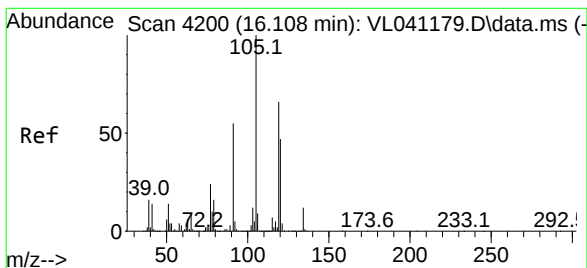
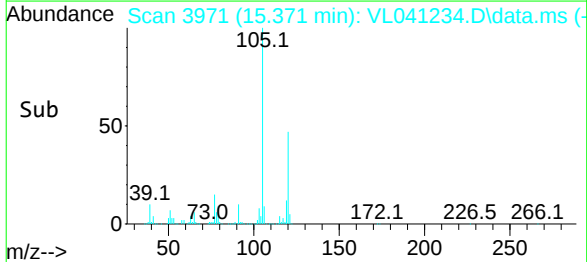
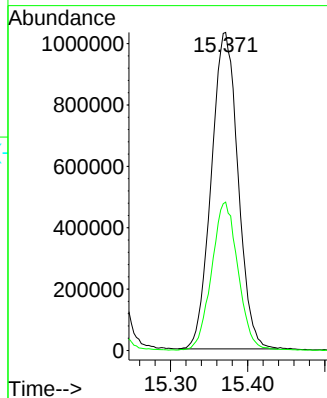
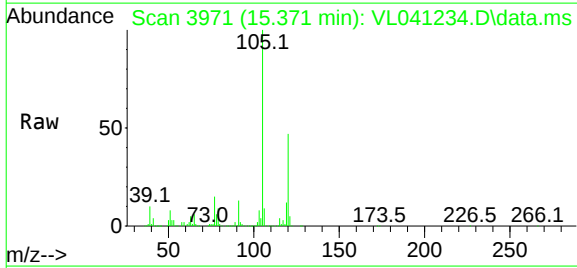
120 46.8 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.837 ppbv

RT: 16.127 min Scan# 4206

Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

Tgt Ion:105 Resp: 2701566

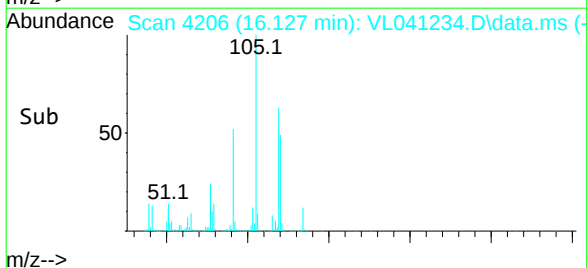
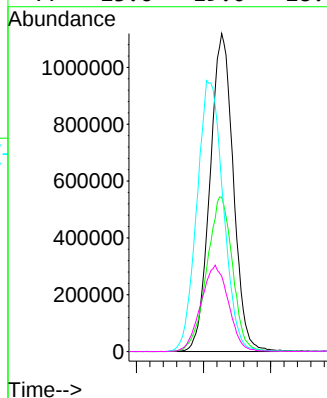
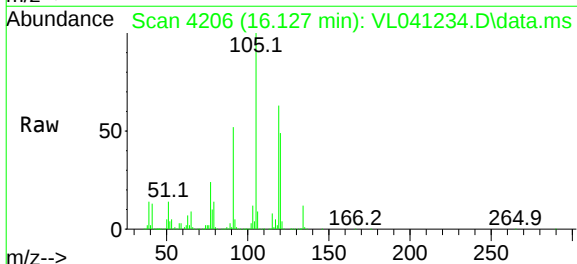
Ion Ratio Lower Upper

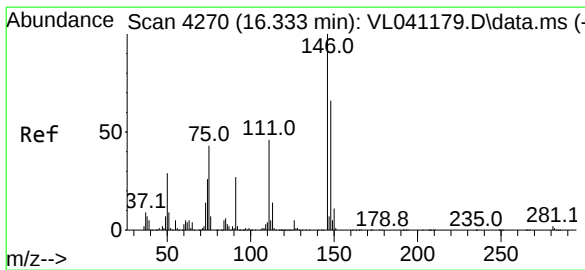
105 100

120 48.4 37.8 56.6

91 52.1 44.3 66.5

77 23.6 19.0 28.4





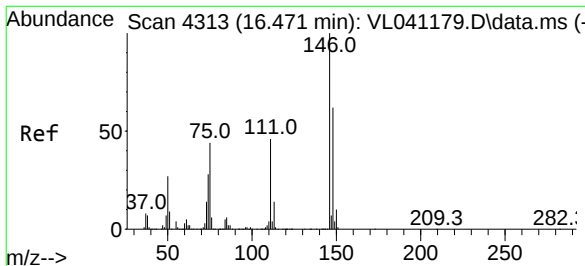
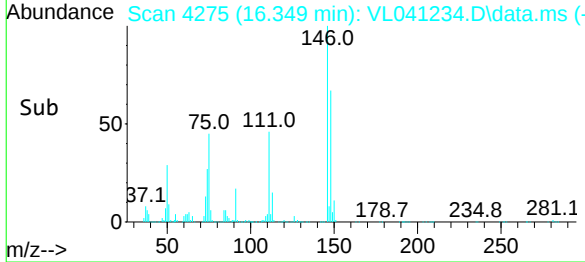
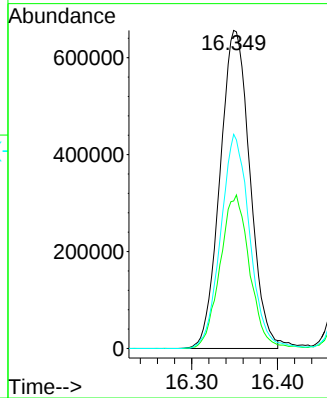
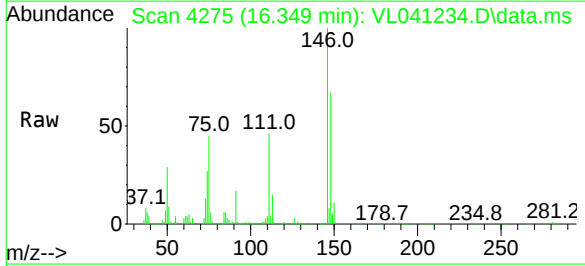
#75
1,3-Dichlorobenzene
Concen: 10.086 ppbv
RT: 16.349 min Scan# 4270
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1588354
Ion Ratio Lower Upper
146 100
111 47.8 23.7 71.1
148 65.5 32.5 97.4

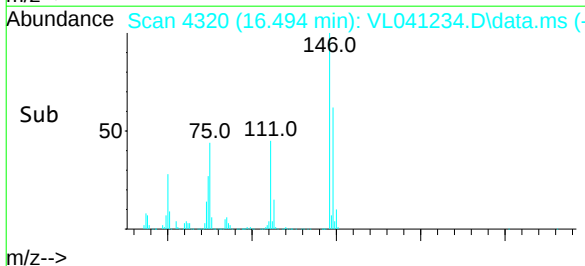
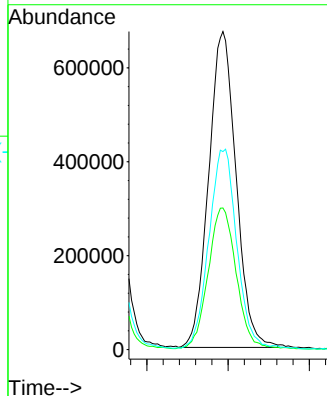
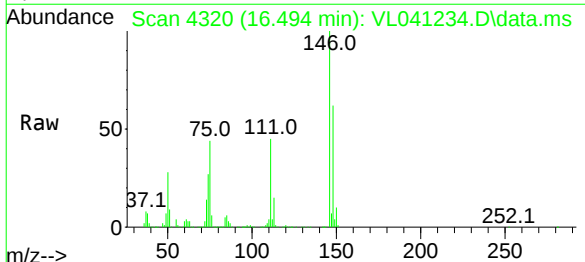
Manual Integrations
APPROVED

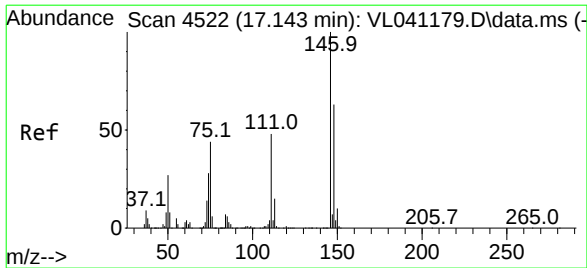
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#76
1,4-Dichlorobenzene
Concen: 10.423 ppbv
RT: 16.494 min Scan# 4320
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Tgt Ion:146 Resp: 1578449
Ion Ratio Lower Upper
146 100
111 46.4 23.3 69.8
148 65.3 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 9.999 ppbv

RT: 17.162 min Scan# 45

Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1573959

Ion Ratio Lower Upper

146 100

111 48.2 24.5 73.5

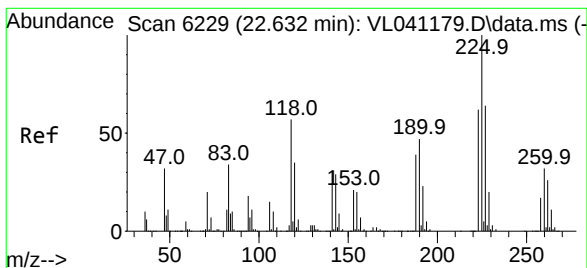
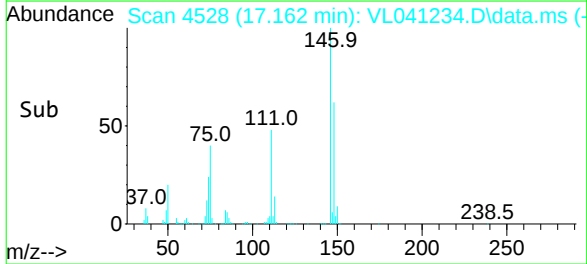
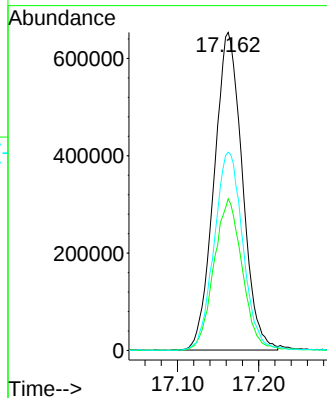
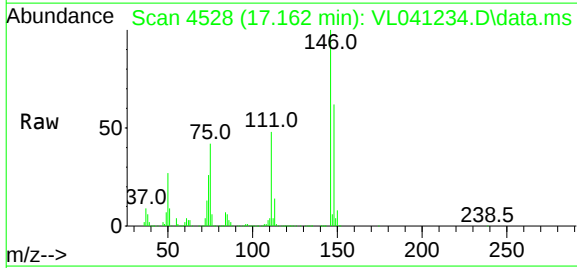
148 63.8 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#78

Hexachloro-1,3-Butadiene

Concen: 7.996 ppbv

RT: 22.657 min Scan# 6237

Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

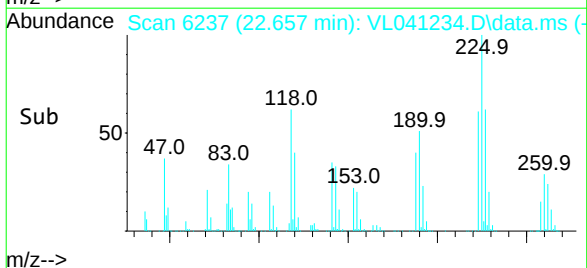
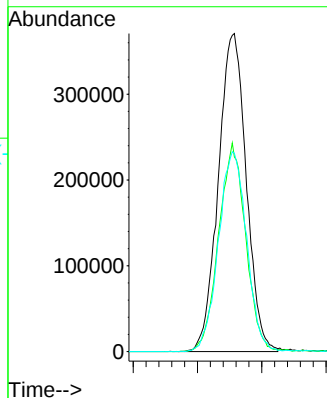
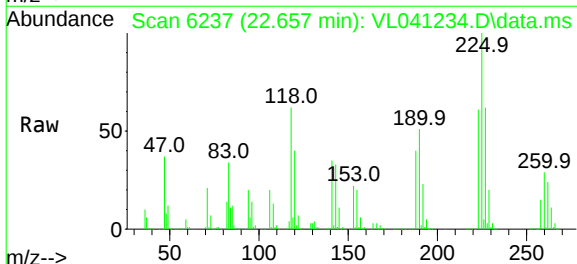
Tgt Ion:225 Resp: 1118686

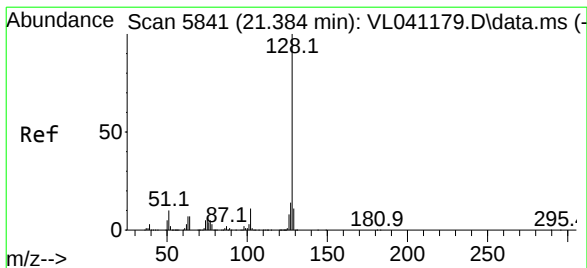
Ion Ratio Lower Upper

225 100

223 63.8 50.9 76.3

227 63.5 52.0 78.0





#79

Naphthalene

Concen: 10.444 ppbv

RT: 21.403 min Scan# 5841

Delta R.T. 0.000 min

Lab File: VL041234.D

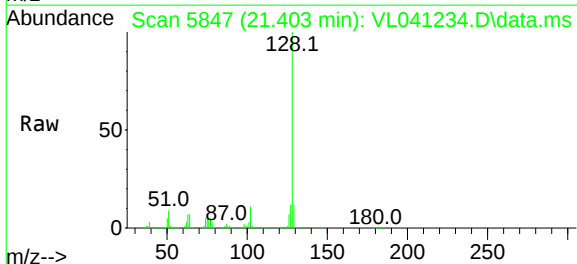
Acq: 8 May 2024 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:128 Resp: 2731332

Ion Ratio Lower Upper

128 100

127 12.4 10.8 16.2

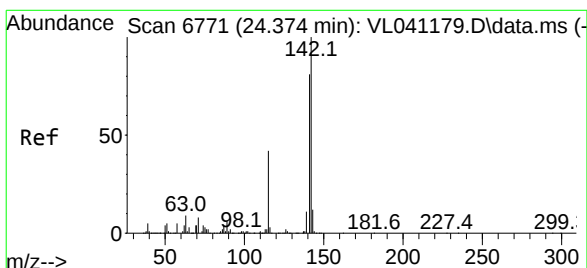
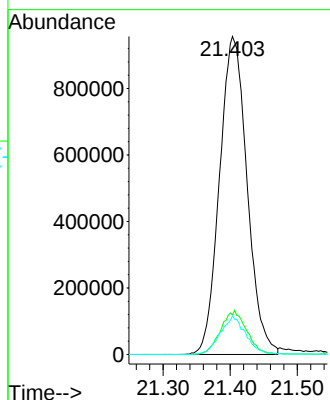
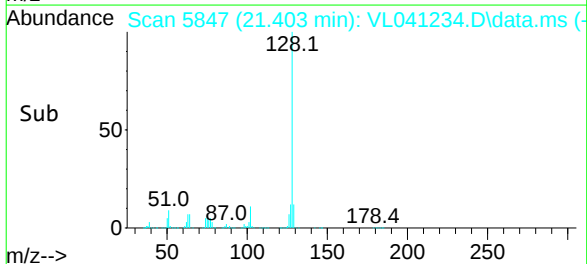
129 12.1 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024



#80

Naphthalene,2-methyl-

Concen: 7.124 ppbv m

RT: 24.390 min Scan# 6776

Delta R.T. 0.000 min

Lab File: VL041234.D

Acq: 8 May 2024 8:34

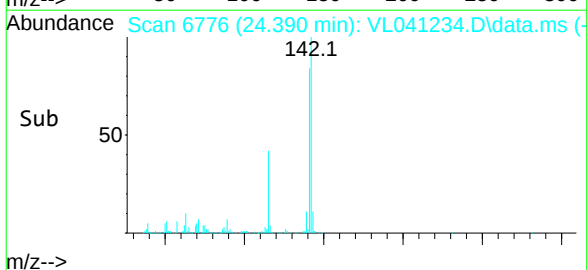
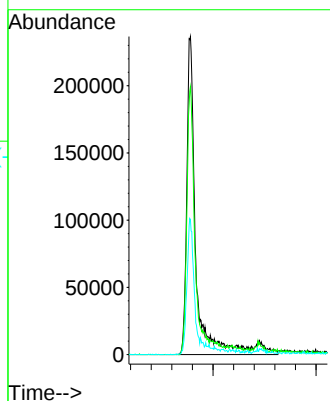
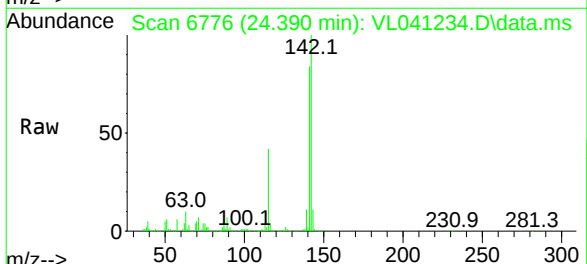
Tgt Ion:142 Resp: 749435

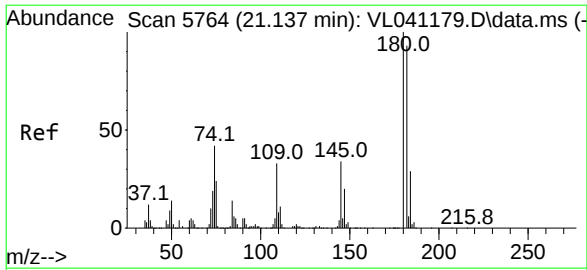
Ion Ratio Lower Upper

142 100

141 75.3 67.9 101.9

115 35.0 31.4 47.0





#81
1,2,4-Trichlorobenzene
Concen: 9.577 ppbv
RT: 21.165 min Scan# 57
Delta R.T. 0.000 min
Lab File: VL041234.D
Acq: 8 May 2024 8:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:180 Resp: 1322440
Ion Ratio Lower Upper
180 100
182 95.6 77.2 115.8
184 30.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

